

# **SCHEMA ELETTRICO**


## **TX – 32PG50D**

**DE INGESLOTEN TECHNISCHE  
DOCUMENTATIE EN INSTELLINGEN ZIJN  
ALLEEN VAN TOEPASSING VOOR  
INSTELLINGEN VAN TELEVISIE SETS OP  
DE ITALIAANSE MARKT.**

## ADJUSTMENT PROCEDURE

Item / Preparation	Adjustment/Confirmation
<b>+B SET-UP</b> 4. Receive a Window pattern. 5. Set the controls :-  <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">             Brightness                Contrast                Volume           </div> <div style="width: 30%;">             Minimum                Minimum                Minimum           </div> </div>	Confirm the following voltages.  <b>A - Board</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">             A1 Pin2              A1 Pin12              A1 Pin16              A2 Pin15              A2 Pin6              A3 Pin4              A3 Pin2           </div> <div style="width: 30%;">             7.5 ± 0.5V              -20 ± 0.5V              20 ± 0.5V              30 ± 0.5V              15 ± 0.5V              15 ± 0.5V              -15 ± 0.5V           </div> <div style="width: 30%;">             IC1252 Pin2              IC1251 Pin3              IC3302 Pin3              IC2707 Pin3              L2707 (IC2708)              L2704 (IC2706)              L2716 (IC2705)              L2717 (IC2709)           </div> <div style="width: 30%;">             2.5 ± 0.25V              3.3 ± 0.3 / -0.2V              12 ± 0.6V              8 ± 0.4V              9 ± 0.4V              5 ± 0.2V              3.3 ± 0.2V              3.3 ± 0.2V           </div> </div> <b>D - Board</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">             TPD8-GND              TPD9-TPD11              TPD10-GND              TPD13-GND              TPD15-GND              TPD32-GND              C864-GND              D2 Pin15-GND           </div> <div style="width: 30%;">             7.5 ± 0.5V              38.5 ± 2V              15.5 ± 1V              14.5 ± 1V              144.8 ± 1V              209 ± 10V              -15.5 ± 1V              31 ± 1V           </div> </div>
<b>CUT OFF</b> 1. Receive a Window pattern. 2. Degauss the tube externally. 3. Set the TV into Service Mode 1. 4. Select Sub brightness mode.	To adjust <b>Cutoff</b> connect an oscilloscope to the Blue cathode. Adjust " <b>Cutoff</b> " value using the " <b>Yellow</b> " and " <b>Blue</b> " buttons until the black level is $170V \pm 5V$ , press " <b>STR</b> " to store the value. Remove the oscilloscope. Select <b>Highlight/Lowligh</b> t mode press " <b>5</b> " to collapse the screen and adjust the screen " <b>VR</b> " until the display is just visible, press " <b>5</b> " to return to service mode. Using the " <b>Yellow</b> " and " <b>Blue</b> " buttons adjust until optimum picture white balance is achieved, press " <b>STR</b> " to store the value. Select <b>Sub Brightness</b> mode and adjust until optimum picture brightness is achieved.

## FACTORY SETTINGS

To return customer settings to factory settings and clear owner ID of all information input by the customer, enter Self-Check mode. Press the down (-/v) button on the customer controls at the front of the TV set, at the same time pressing the **STATUS** button  on the remote control. To exit Self Check, switch off the TV set at the power button.

**NOTE:** Self Check should only be used when refurbishing the TV set and not during normal repair work.

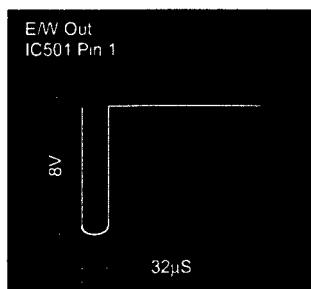
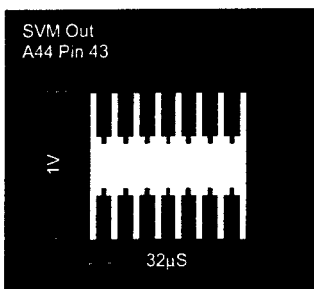
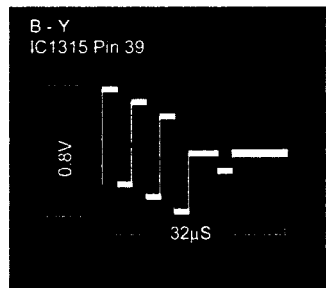
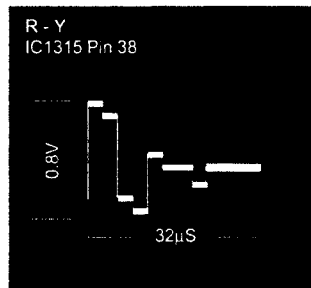
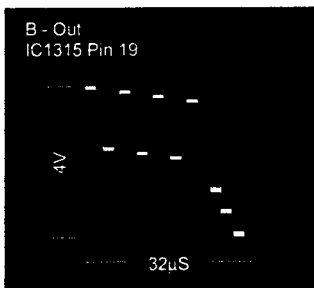
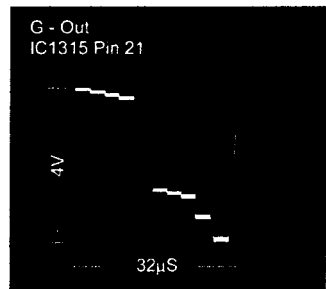
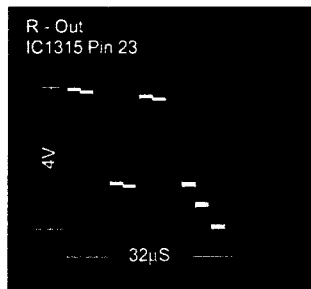
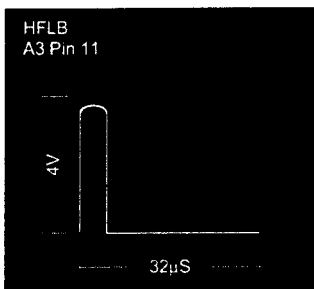
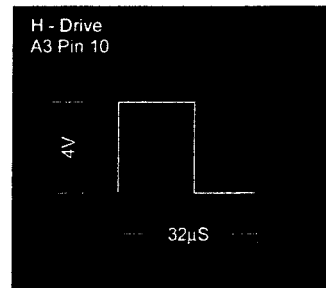
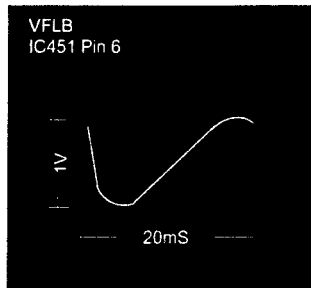
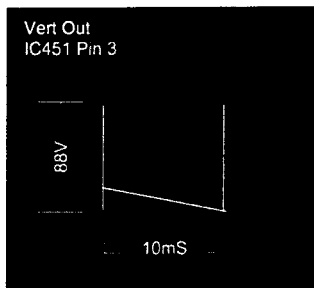
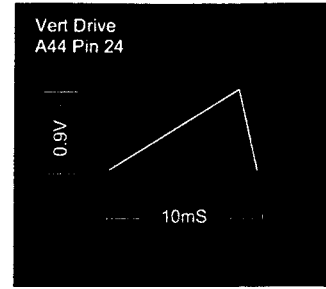
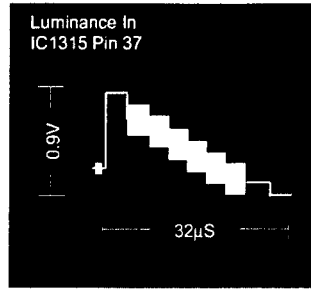
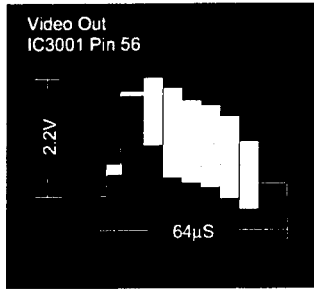
MEM	:	O.K.	Sum	:	****	←
GC1	:	O.K.				
GC2	:	O.K.	OPTION 1	:	01	
VDU	:	O.K.	OPTION 2	:	00	
CIP	:	O.K.	OPTION 3	:	13	
RGB	:	O.K.	OPTION 4	:	10	
AVSW	:	O.K.	OPTION 5	:	00	
Tun1	:	O.K.	OPTION 6	:	50	
Tun2	:	O.K.	OPTION 7	:	80	
DAC1	:	O.K.	OPTION 8	:	41	
MSP	:	O.K.	OPTION 9	:	83	
DOLBY	:	O.K.	OPTION 10	:	80	
CODEC	:	O.K.	OPTION 11	:	19	
DAC2	:	O.K.	OPTION 12	:	08	
DAC3	:	O.K.	OPTION 13	:	FA	
			Check	:	BA	

Factory use only

If the CCU ports have been checked and found to be incorrect or not located then " - - " will appear in place of "O.K."

## WAVEFORM PATTERN TABLE

**Note:** All waveforms have been taken using a standard colour bar pattern.



## ALIGNMENT SETTINGS

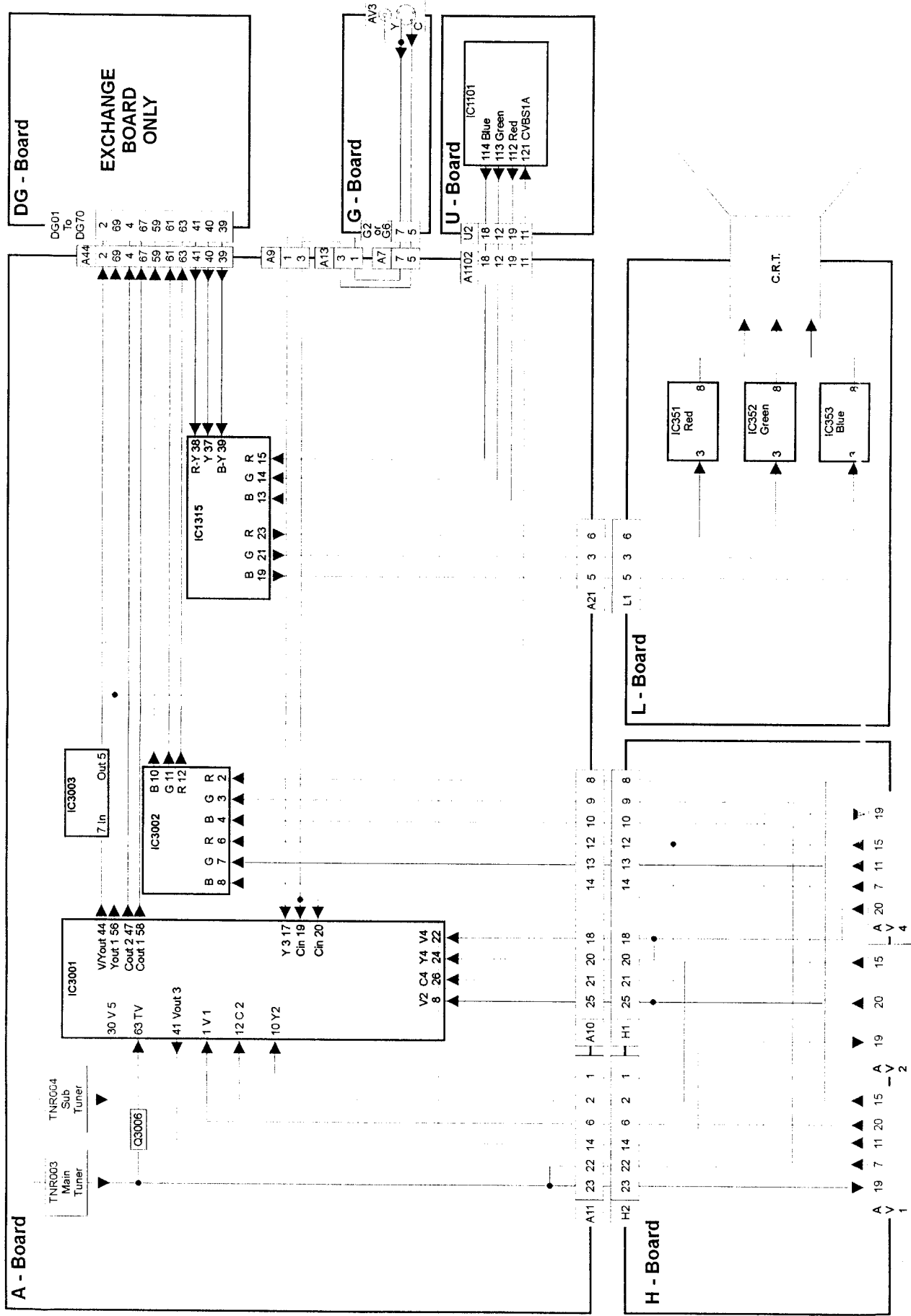
(The figures below are nominal and used for representative purposes only.)

1. Set the Bass to maximum position, set the Treble to minimum position, press the down button (- / v) on the customer controls at the front of the TV and at the same time press the **INDEX** button on the remote control, this will place the TV into the Service Mode.
2. Press the **RED / GREEN** buttons to step up / down through the functions.
3. Press the **YELLOW / BLUE** buttons to alter the function values.
4. Press the **STR** button after each adjustment has been made to store the required values.
5. To exit the Service Mode, press the **"N"** button.

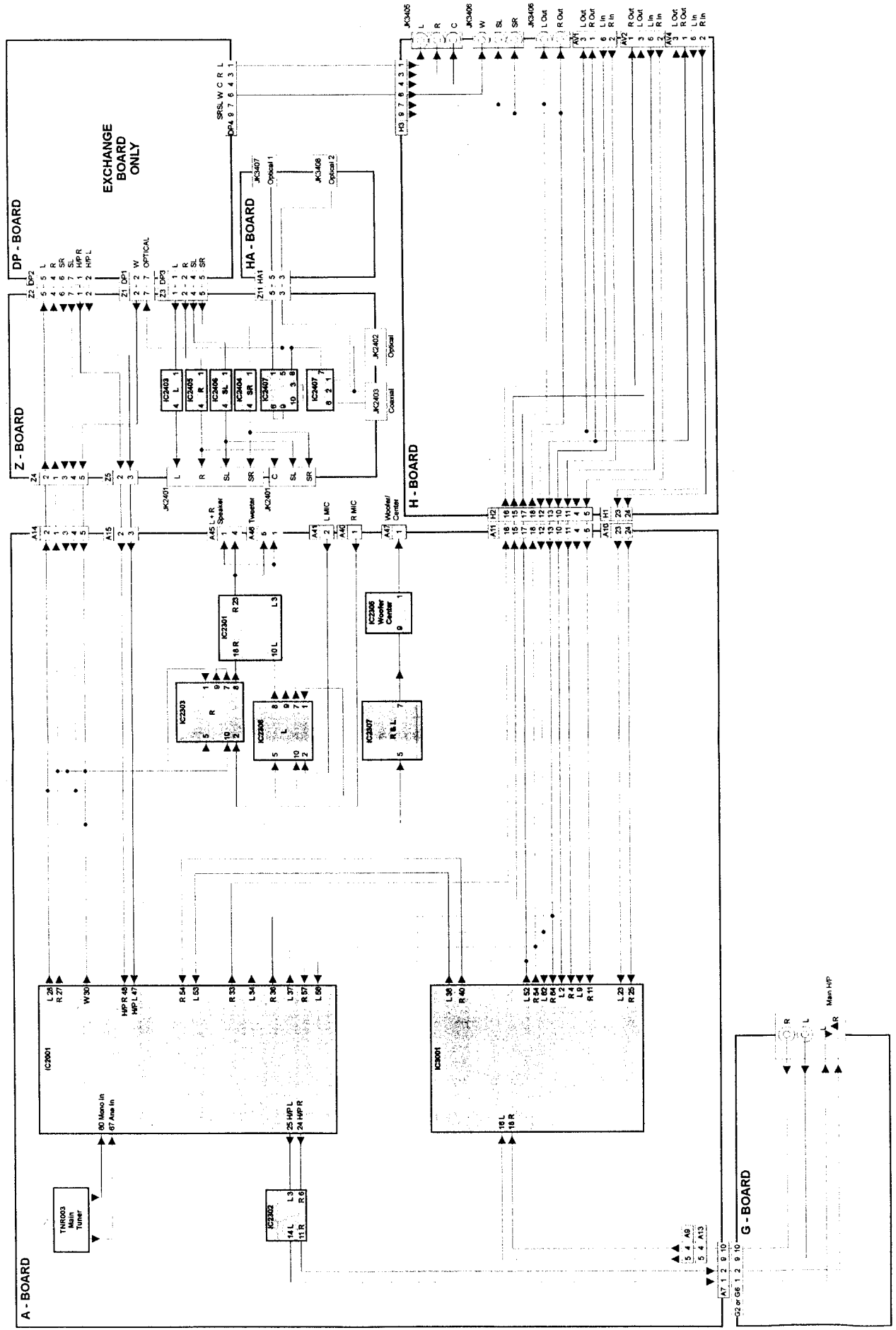
Alignment Function		Settings / Special features
Horizontal Position	H – Pos 97	Optimum setting.
Vertical Position	V – Pos 111	Optimum setting.
Horizontal Amplitude	H – Amp 86	Optimum setting.
Vertical Amplitude	V – Amp 134	Optimum setting.
Parabola	Parabola 26	Optimum setting.
Trapezoid	Trapezoid 124	Optimum setting.
Horizontal Parallel	H – Parallel 13	Optimum setting.
Vertical Linearity	V – Linear 34	Optimum setting.
Top Corner	Top – Corner 20	Optimum setting.
Bottom Corner	Bottom – Corner 20	Optimum setting.
Vertical Symmetry Correction	V – S – Correct 9	Optimum setting.
Center Correction	C – Correct 10	Optimum setting.
DAF - Phase	DAF – Phase 205	Optimum setting.
Highlight Lowlight	High 0144 0126 0128 Low 0331 0340 0384	Optimum setting.
Sub-Brightness	Sub-Brightness 144	Optimum setting.
Video Gain 2	Video Gain 2 157	Optimum setting.
Splitter Gain (Tuner)	SPL. Gain 0	Optimum setting.



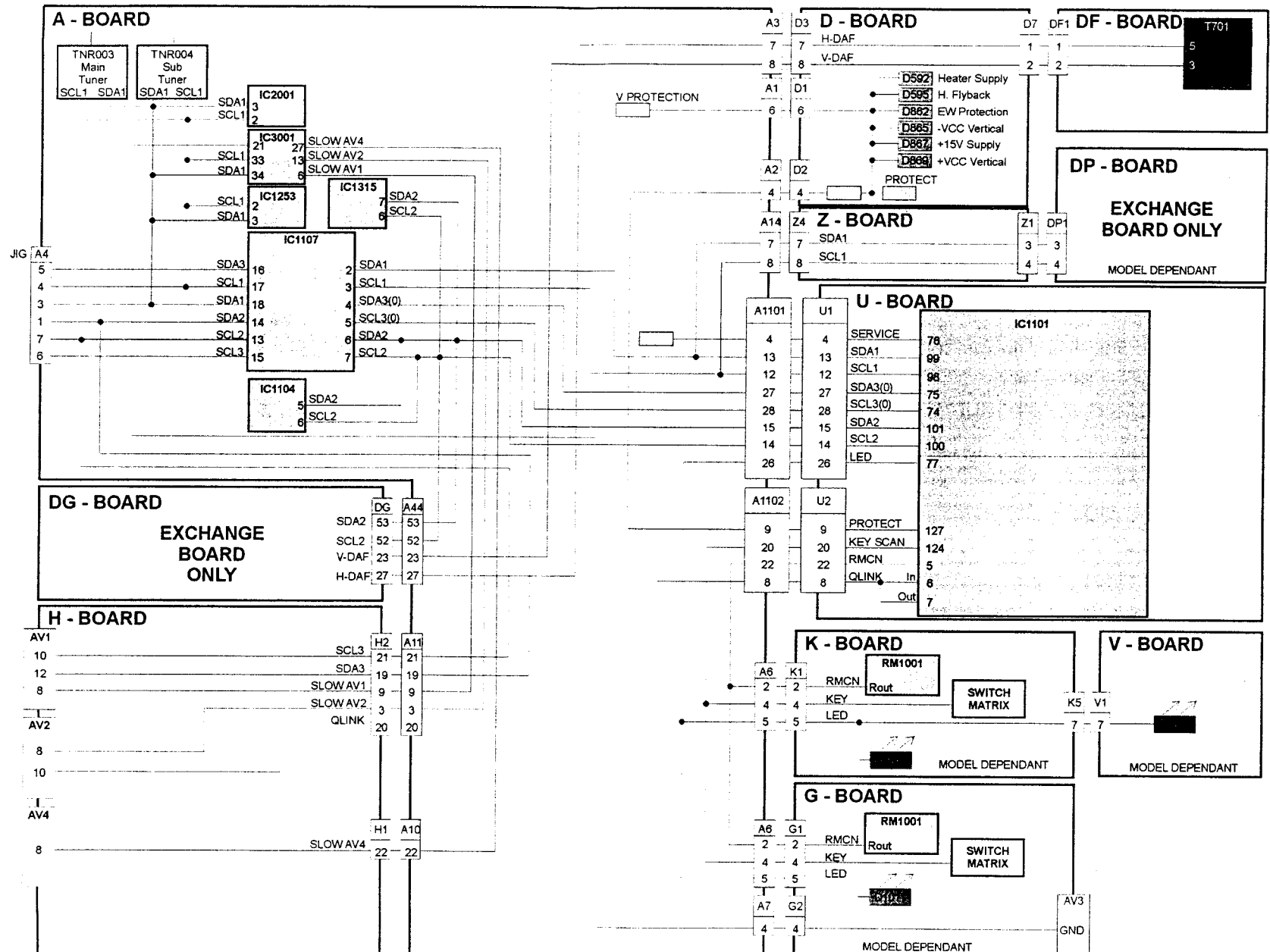
# VIDEO BLOCK DIAGRAM



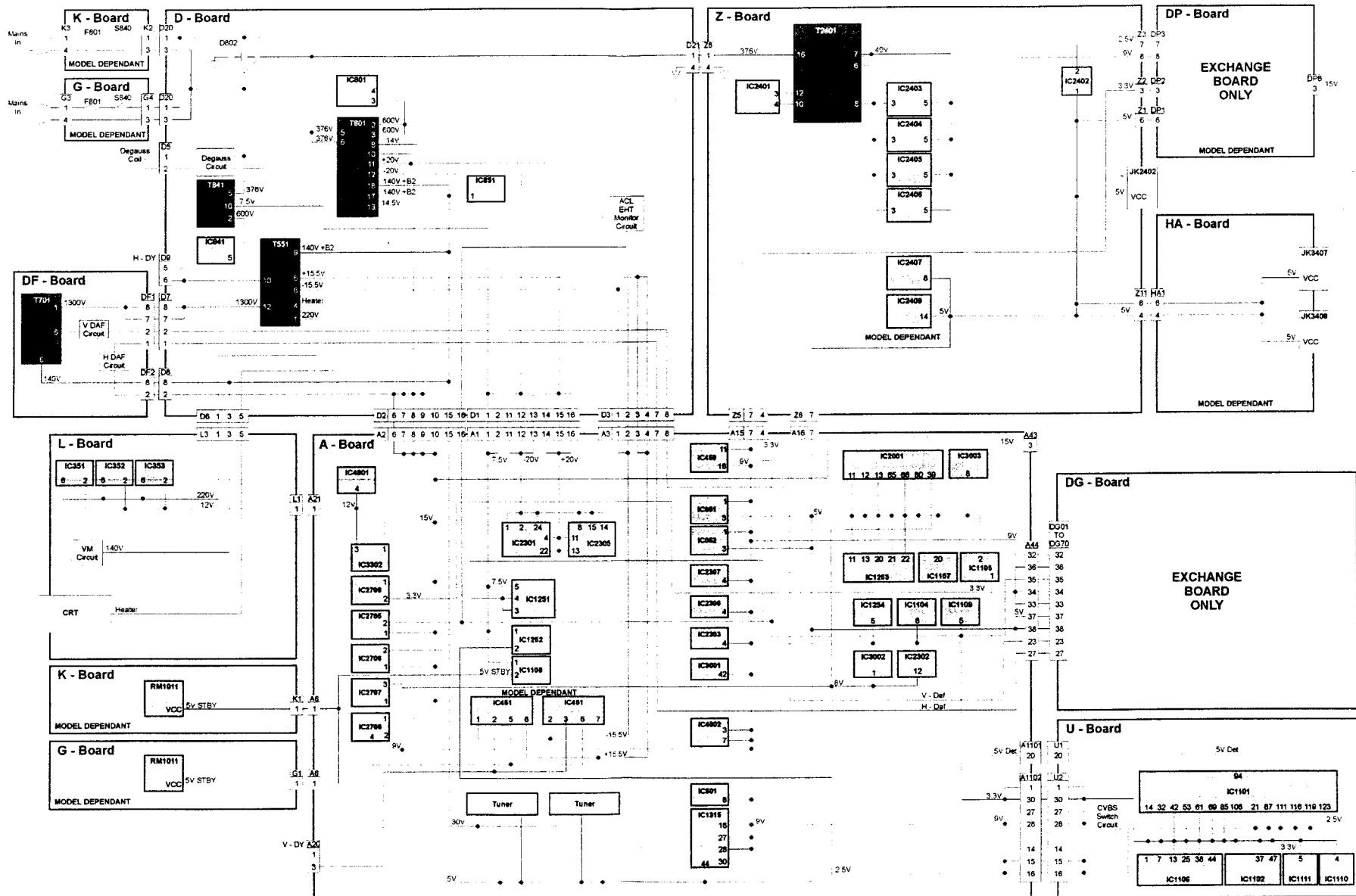
# AUDIO BLOCK DIAGRAM



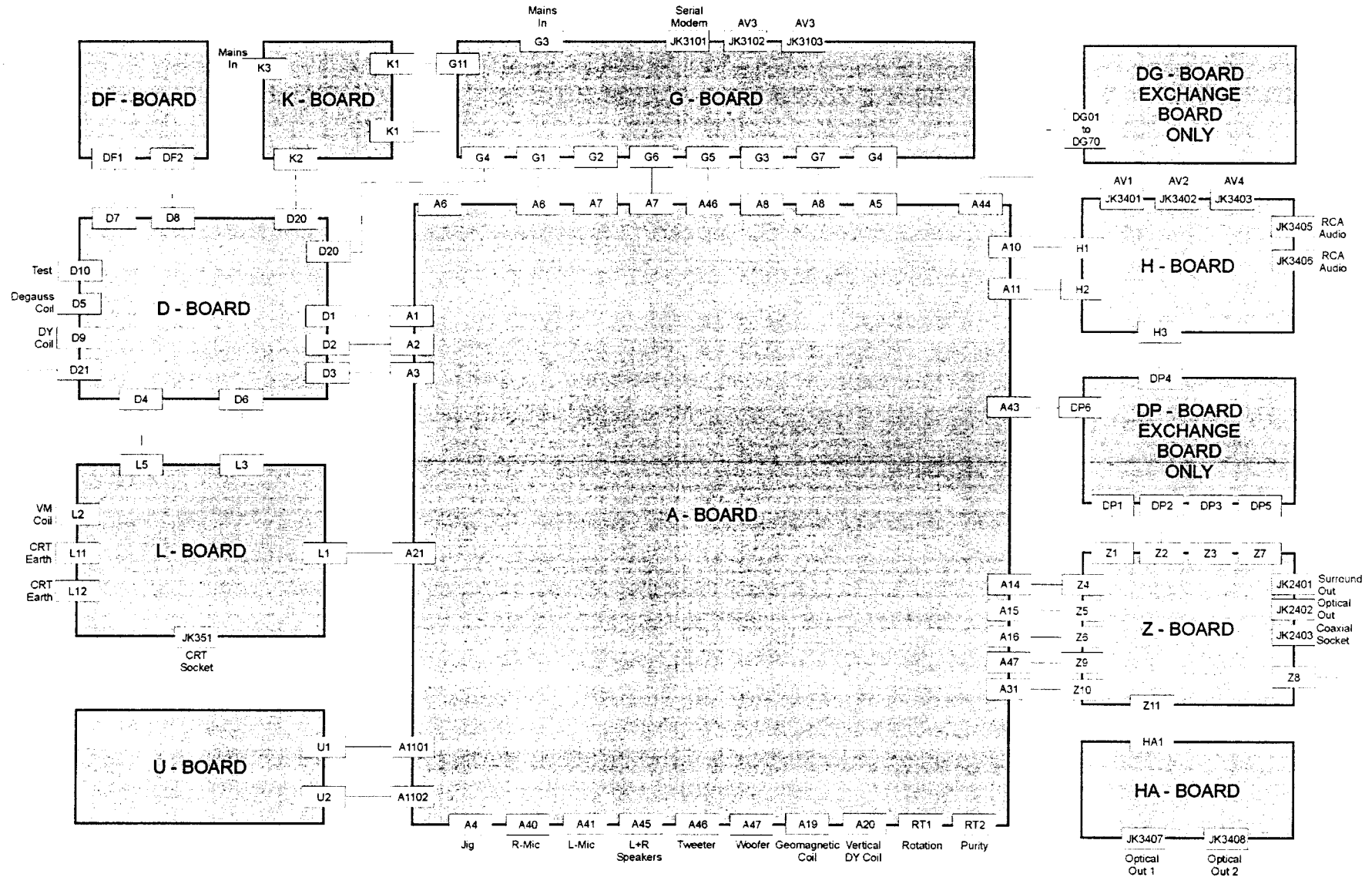
## CONTROL BLOCK DIAGRAM



# POWER SUPPLY BLOCK DIAGRAM



# WIRING BLOCK DIAGRAM

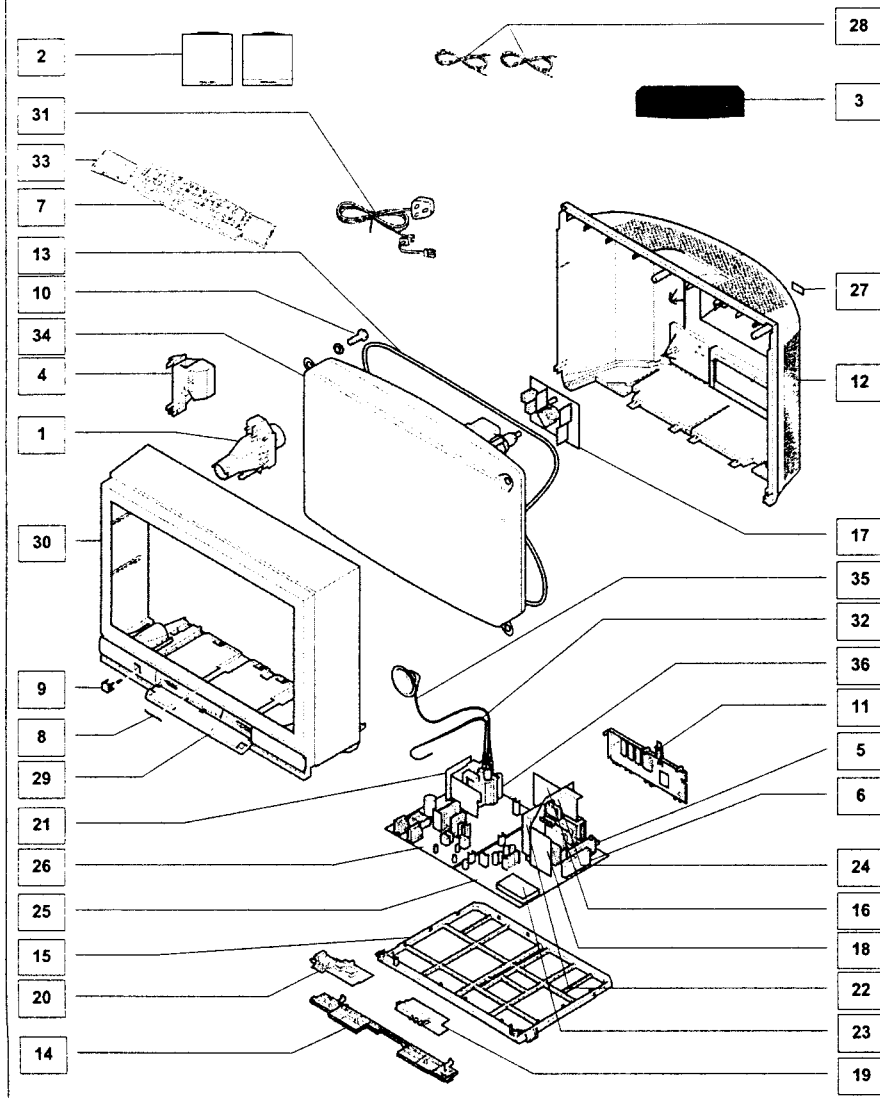




## PARTS LOCATION

### NOTE:

The numbers on the exploded view below refer to the mechanical section of the Replacement Parts List.



## REPLACEMENT PARTS LIST

### Important Safety Notice

Components identified by  $\Delta$  mark have special characteristics important for safety.  
\* When replacing any of these components, use only manufacturers specified parts.  
In case of ordering these spare parts, please always add the complete Model-Type number to your order.

### EXPLODED VIEW

Cct Ref	Parts Number	Description	
1	EAB12149C2	SPEAKER (WOOFER)	
2	EAS8E430-A	EXT SPEAKER	
3	EAS8E440-A	CENTRE SPEAKER	
4	EASG7DH08B2	SPEAKER (TWEETER)	
5	ENG27510G	TUNER	$\Delta$
6	ENG27C01G	TUNER	$\Delta$
7	EUR511224	REMOTE CONTROL	
8	TBMA059	PANASONIC BADGE	
9	TBXA24302	POWER BUTTON	
10	THT1062	CRT FIXING SCREW	
11	TKPBE1324	AV PANEL	
12	TKUC08903	BACK COVER	
13	TLKBE05147	DEGAUSS COIL	
14	TMWAD17-1	CONTROL BRACKET	
15	TMXBE050	CHASSIS FRAME	
16	TNPA1724	H.P.C.B.	$\Delta$
17	TNPA1726AE	L.P.C.B.	$\Delta$
18	TNPA1727AB	DP.P.C.B. EXCHANGE UNIT	$\Delta$
19	TNPA1728	G.P.C.B.	$\Delta$
20	TNPA1729	K.P.C.B.	$\Delta$
21	TNPA1806	DF.P.C.B.	$\Delta$
22	TNPA1965AB	DG.P.C.B. EXCHANGE UNIT	$\Delta$
23	TNPA2042AM	U.P.C.B.	$\Delta$
24	TNPA2270	Z.P.C.B.	$\Delta$
25	TNPH0348AB	A.P.C.B.	$\Delta$
26	TNPH0349	D.P.C.B.	$\Delta$
27	TQF8E3045	MODEL LABEL	$\Delta$
28	TSX8E0015S	DOLBY SPEAKER WIRE 12M	$\Delta$
29	TTPA0128	DOOR LID	
30	TTYA0412-1	CABINET	
31	TXASX01CJUG	POWER CORD	$\Delta$
32	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	$\Delta$
33	URS1EC904A	BATTERY COVER (REMOTE)	$\Delta$
34	WB6LPX955X07	C.R.T.	$\Delta$
35	ZTBZAD650E	ANODE CABLE	$\Delta$
36	ZTFM77008A	F.B.T.	$\Delta$

### MISCELLANEOUS COMPONENTS

Cct Ref	Parts Number	Description	
	EAS9999	SPEAKER DRIVE UNIT	
	T2S9EV617	BAFFLE	
	TBL63413	RUBBER FOOT	
	TBM8E2039	AV LABEL	
	TBM8E2053	LABEL	$\Delta$
	TBMU101	LEFT PRESET LABEL	$\Delta$
	TBMU102	RIGHT PRESET LABEL	
	TEKK008	DOOR CATCHER	
	TKPA36301	FRONT LEFT PANEL	
	TKPA36401	FRONT RIGHT PANEL	
	TKRA13110	HANDLE	
	TKRA19701	HANDLE	
	TMWJ019-1	LED HOLDER	
	TMXBE051	POWER BUTTON JOINT	

### INSTRUCTION BOOKS

Cct Ref	Parts Number	Description
	TPCBE4842	CARTON
	TPCBE4843	CARTON BOTTOM
	TPCBE4888	OUTER CARTON
	TPD169487	CARTON HANDLE
	TPDBE734	CUSHION TOP
	TPDBE735	CUSHION BOTTOM
	TPDBE737	SUB CUSHION LHS
	TPDBE738	SUB CUSHION RHS
	TS-36PG50	VIDEO CABINET
	TZS1EK002	SERVICE PACK
	UM-3DJ-2P	BATTERY PACK
SK401	TES2298	CRT EARTH SPRING
SK402	TES2298	CRT EARTH SPRING

### INSTRUCTION BOOKS

Cct Ref	Parts Number	Description
	TQB8E3045	ENGLISH
	I.C.s	
D354	TL431CLPM	REGULATOR
IC051	AN7805FLB	5V REGULATOR
IC351	TDA6111Q-N4	RGB OUTPUT
IC352	TDA6111Q-N4	RGB OUTPUT
IC353	TDA6111Q-N4	RGB OUTPUT
IC451	LA7876N	VERTICAL OUTPUT
IC459	TC74HC221AF	MULTIVIBRATOR
IC501	NJM2903MTE1	AUDIO AMPLIFIER
IC801	STRF8658LF53	POWER SUPPLY
IC841	MP0254SPSCF	POWER SUPPLY SWITCHING
IC851	SE140N	ERROR AMPLIFIER
IC1101	SDA6000-A23	MICRO PROCESSOR
IC1102	E2F0/01005	EEPROM *
IC1104	X24BR200-3AA	EAROM *
IC1105	S-80843ALY-Z	5V REGULATOR
IC1106	TVSA0395	SDRAM
IC1107	TC7MBD3245FK	CONVERTER
IC1108	AN78L05TA	5V REGULATOR
IC1109	PST9119NR	SYSTEM RESET
IC1110	PST9128NR	RESET
IC1111	TC7SH32FUEL	2 INPUT GATE
IC1251	Si-3033C	3.5V REGULATOR
IC1252	PQ30RV21B	2.5V REGULATOR
IC1253	M62392FP70BC	D/A CONVERTER
IC1254	PST9128NR	RESET
IC1315	AN5394FB	R.G.B. PROCESSOR
IC2001	MSP3410DOACS	M.S.P.
IC2301	TD47490	AUDIO AMPLIFIER
IC2302	AN7108	H.P. AMPLIFIER
IC2303	NJM2059MTE1	QUAD AMPLIFIER
IC2305	TDA7481	AUDIO AMPLIFIER
IC2306	NJM2059MTE1	QUAD AMPLIFIER
IC2307	NJM2059MTE1	QUAD AMPLIFIER
IC2401	STR10006-N	POWER SUPPLY
IC2402	PQ30RV21B	2.5V REGULATOR
IC2404	TDA2030AV	AUDIO AMPLIFIER

Cct Ref	Parts Number	Description
IC2405	TDA2030AV	AUDIO AMPLIFIER
IC2406	TDA2030AV	AUDIO AMPLIFIER
IC2407	TC7WU04FEL	BUFFER
IC2705	PQ1CG21H2RZ	REGULATOR
IC2706	PQ1CG21H2RZ	REGULATOR
IC2707	AN7808LB	8V REGULATOR
IC2708	SI-8090K	POWER SUPPLY
IC2709	PQ1CG21H2RZ	REGULATOR
IC3001	CXA2069Q-TL	SWITCHING
IC3002	TDA8601T/C1	12V REGULATOR
IC3003	CXA1211M-T4	VIDEO AMPLIFIER
IC3302	L78M12MRB	12V REGULATOR
IC4801	AN6564NS-E1	OPERATIONAL AMPLIFIER
IC4802	PUB4301	GEOMAGNETIC CORRECTION
RM1001	RPM6937-S	LED RECEIVER

#### FUSES

F801-2	EYF52BC	FUSE HOLDER
F801-1	EYF52BC	FUSE HOLDER
F801	XBA2C50TH15	FUSE

#### DIODES

D003	MA3150HTX	DIODE
D004	MA3150HTX	DIODE
D010	MA152KTX	DIODE
D053	MA152KTX	DIODE
D351	ERA15-04V3	DIODE
D352	ERA15-04V3	DIODE
D353	MA3110LTX	DIODE
D355	ERA15-04V3	DIODE
D356	ERA15-04V3	DIODE
D358	MA151ATX	DIODE
D360	ERA15-02V3	DIODE
D361	MA151ATX	DIODE
D362	MA151ATX	DIODE
D363	MA151ATX	DIODE
D364	MA3130MTX	DIODE
D365	MA3130MTX	DIODE
D366	MA3130MTX	DIODE
D367	MA3051HTX	DIODE
D368	MA3051HTX	DIODE
D369	MA3051HTX	DIODE
D383	ERA15-04V3	DIODE
D385	ERA22-04V3	DIODE
D386	ERA15-04V3	DIODE
D389	ERA15-04V3	DIODE
D450	EU02AV1	DIODE
D452	MA152KTX	DIODE
D453	EU02AV1	DIODE
D454	MA152KTX	DIODE
D455	MA152KTX	DIODE
D456	ERA22-02V3	DIODE
D465	MA3039HTX	DIODE
D502	MA4150TA	DIODE
D503	ERA81004V3	DIODE
D504	D1NL40V70	DIODE
D521	AU02AV0	DIODE
D522	AU02AV0	DIODE
D523	MA165TA5	DIODE
D524	MA165TA5	DIODE
D525	RP1HLFA5	DIODE
D526	RP1HLFA5	DIODE
D553	MA167TA5	DIODE
D554	EU02	DIODE
D555	RH3GLF102	DIODE
D557	MA1033MTA	DIODE
D558	AU02V0	DIODE
D559	FMV3GULF730	DIODE

Cct Ref	Parts Number	Description
D580	MA165TA5	DIODE
D582	MA182TA	DIODE
D570	RU3ANV1	DIODE
D580	MA4360	DIODE
D591	MA165TA5	DIODE
D592	MA4104	DIODE
D593	ERA15-02V3	DIODE
D594	MA165TA5	DIODE
D595	MA4360MTA	DIODE
D701	D1NL40V70	DIODE
D802	D6SB80LF-B	DIODE
D805	MA2240-BLFS	DIODE
D809	MA2082-ALFS	DIODE
D811	MA2082-ALFS	DIODE
D819	ERA22-04V3	DIODE
D820	ERA22-04V3	DIODE
D821	ERA22-04V3	DIODE
D823	PC123FY2	DIODE
D825	232266296706	THERMISTOR
D826	232266296706	THERMISTOR
D843	ERC0510V1	DIODE
D844	TVSSR2KL	DIODE
D845	RY24V1	DIODE
D847	ERA22-10	DIODE
D848	PC123FY2	DIODE
D851	FMGG26S	DIODE
D852	MA4030LTA	DIODE
D853	RU2AMLFA1	DIODE
D854	RU2AMLFA1	DIODE
D855	FMGG2CS	DIODE
D856	EU02	DIODE
D857	FMGG26S	DIODE
D858	MA165TA5	DIODE
D859	MA165TA5	DIODE
D861	MA165TA5	DIODE
D862	MA4360MTA	DIODE
D865	MA165TA5	DIODE
D867	MA165TA5	DIODE
D869	MA165TA5	DIODE
D881	MA165TA5	DIODE
D885	MA4056HTA	DIODE
D886	MA165TA5	DIODE
D887	MA165TA5	DIODE
D888	EU02	DIODE
D953	R2KNLFA1	DIODE
D961	MA152KTX	DIODE
D1011	LNH201RFCC4	L.E.D.
D1152	MA152KTX	DIODE
D1153	MA152KTX	DIODE
D1302	MA152KTX	DIODE
D1306	MA3062MTX	DIODE
D1307	MA3091MTX	DIODE
D1308	MA152KTX	DIODE
D1309	MA152KTX	DIODE
D1310	MA3062MTX	DIODE
D1311	MA3062MTX	DIODE
D1312	MA3062MTX	DIODE
D1313	MA3043MTX	DIODE
D1315	MA3043MTX	DIODE
D2040	MA152KTX	DIODE
D2041	MA152KTX	DIODE
D2048	MA152KTX	DIODE
D2301	TVSRM28V1	DIODE
D2302	MTZJT-775.6B	DIODE
D2305	MA3047MTX	DIODE
D2306	MA29TA5	DIODE

Cct Ref	Parts Number	Description
D2311	MA1180HTA	DIODE
D2312	MA3130MTX	DIODE
D2313	MA152KTX	DIODE
D2314	MA152KTX	DIODE
D2316	MA152KTX	DIODE
D2401	MA4200MTA	DIODE
D2402	DSL60F4015	DIODE
D2403	TYSEH1LF-F7	DIODE
D2404	MTZJT-778.2A	DIODE
D2405	EU02	DIODE
D2406	EU02	DIODE
D2407	EG01CV0	DIODE
D2410	EU02	DIODE
D2411	FMGG26S	DIODE
D2432	MA167TA5	DIODE
D2433	MA167TA5	DIODE
D2434	MA167TA5	DIODE
D2436	MA167TA5	DIODE
D2437	MA167TA5	DIODE
D2438	MA167TA5	DIODE
D2711	RK34LFC4	DIODE
D2712	AK04V0	DIODE
D2713	RK34LFC4	DIODE
D2714	RK34LFC4	DIODE
D2715	MA29TA5	DIODE
D3003	MA3091LTX	DIODE
D3004	MA3091LTX	DIODE
D3103	MA165TA5	DIODE
D3104	MA165TA5	DIODE
D3401	MA165TA5	DIODE
D3402	MA165TA5	DIODE

#### TRANSISTORS

Q002	BC857B	TRANSISTOR
Q052	BC857B	TRANSISTOR
Q369	BC857B	TRANSISTOR
Q451	BC847B	TRANSISTOR
Q460	BC847B	TRANSISTOR
Q461	BC847B	TRANSISTOR
Q462	BC847B	TRANSISTOR
Q463	BC847B	TRANSISTOR
Q501	2SK2962TPE6	TRANSISTOR
Q521	2SK1006RF122	TRANSISTOR
Q522	2SC3311ATA	TRANSISTOR
Q523	2SC3311ATA	TRANSISTOR
Q524	2SC5460LB	TRANSISTOR
Q525	2SC3311ATA	TRANSISTOR
Q551	2SC5591000RK	TRANSISTOR
Q552	2SC1473ATA	TRANSISTOR
Q703	2SK2538000LB	TRANSISTOR
Q805	2SK2123000LB	TRANSISTOR
Q851	2SA1018QTA	TRANSISTOR
Q854	2SC3311ATA	TRANSISTOR
Q874	2SA684R	TRANSISTOR
Q875	2SA720-RS	TRANSISTOR
Q881	2SC3311ATA	TRANSISTOR
Q882	2SC3311ATA	TRANSISTOR
Q883	2SC1317-TA	TRANSISTOR
Q902	BC847B	TRANSISTOR
Q903	BC847B	TRANSISTOR
Q908	BC847B	TRANSISTOR
Q951	BC857B	TRANSISTOR
Q952	BC847B	TRANSISTOR
Q953	BC847B	TRANSISTOR
Q954	BC857B	TRANSISTOR
Q955	2SA1535ARLB	TRANSISTOR
Q956	2SC3944ARLB	TRANSISTOR

Cct Ref	Parts Number	Description
Q1003	2SC3311ATA	TRANSISTOR
Q1107	BC847B	TRANSISTOR
Q1108	BC847B	TRANSISTOR
Q1109	BC847B	TRANSISTOR
Q1110	BC847B	TRANSISTOR
Q1111	BC847B	TRANSISTOR
Q1112	BC847B	TRANSISTOR
Q1113	BC847B	TRANSISTOR
Q1114	BC847B	TRANSISTOR
Q1115	BC847B	TRANSISTOR
Q1121	BC847B	TRANSISTOR
Q1122	BC847B	TRANSISTOR
Q1123	BC847B	TRANSISTOR
Q1125	BC847B	TRANSISTOR
Q1301	BC847B	TRANSISTOR
Q1302	BC847B	TRANSISTOR
Q1336	BC857B	TRANSISTOR
Q1340	BC847B	TRANSISTOR
Q2002	BC857B	TRANSISTOR
Q2003	BC857B	TRANSISTOR
Q2004	BC857B	TRANSISTOR
Q2005	BC857B	TRANSISTOR
Q2040	BC847B	TRANSISTOR
Q2041	BC847B	TRANSISTOR
Q2042	BC847B	TRANSISTOR
Q2043	BC847B	TRANSISTOR
Q2213	BC847B	TRANSISTOR
Q2214	BC847B	TRANSISTOR
Q2215	BC847B	TRANSISTOR
Q2216	BC847B	TRANSISTOR
Q2301	BC847B	TRANSISTOR
Q2302	BC847B	TRANSISTOR
Q2303	BC847B	TRANSISTOR
Q2307	BC847B	TRANSISTOR
Q2308	BC857B	TRANSISTOR
Q2309	BC847B	TRANSISTOR
Q2310	BC847B	TRANSISTOR
Q2311	BC847B	TRANSISTOR
Q2402	2SA684R	TRANSISTOR
Q2403	2SA720-RS	TRANSISTOR
Q2432	BC847B	TRANSISTOR
Q2433	BC847B	TRANSISTOR
Q2434	BC847B	TRANSISTOR
Q2435	BC847B	TRANSISTOR
Q2438	2SK198RTX	TRANSISTOR
Q2439	2SK198RTX	TRANSISTOR
Q2440	2SK198RTX	TRANSISTOR
Q2441	BC857B	TRANSISTOR
Q2506	BC847B	TRANSISTOR
Q2507	BC847B	TRANSISTOR
Q2508	BC847B	TRANSISTOR
Q2509	BC847B	TRANSISTOR
Q2512	BC847B	TRANSISTOR
Q2513	BC847B	TRANSISTOR
Q3001	BC847B	TRANSISTOR
Q3002	BC847B	TRANSISTOR
Q3006	BC857B	TRANSISTOR
Q3007	BC847B	TRANSISTOR
Q3011	BC847B	TRANSISTOR
Q3071	BC847B	TRANSISTOR
Q3072	BC847B	TRANSISTOR
Q3130	BC847B	TRANSISTOR
Q3131	BC857B	TRANSISTOR
Q3132	BC847B	TRANSISTOR
Q3401	BC857B	TRANSISTOR
Q3807	BC847B	TRANSISTOR

Cct Ref	Parts Number	Description
Q3808	BC847B	TRANSISTOR
<b>TRANSFORMERS</b>		
L810	ETQR45T001A	TRANSFORMER
T501	ETH19Y187AY	TRANSFORMER
T701	ETF18L101A	TRANSFORMER
T801	ETS39AG296AC	TRANSFORMER
T841	ETS19AB1G6AG	TRANSFORMER
T2401	ETS35AA457AD	TRANSFORMER
<b>COILS</b>		
L002	ELESN2R2KA	COIL
L003	ELESN2R2KA	COIL
L004	EXCELD35V	COIL
L008	EXCELD35V	COIL
L009	EXCELD35V	COIL
L053	EXCELD35V	COIL
L055	ELESN2R2KA	COIL
L056	ELESN2R2KA	COIL
L351	EXCELSA24T	COIL
L381	ELESN6R8JA	COIL
L382	ELESN4R7KA	COIL
L383	ELESN4R7KA	COIL
L387	EXCELD35V	COIL
L521	TALL13T182JB	COIL
L559	EXCELD35C	COIL
L560	EXCELD35V	COIL
L561	EXCELD35C	COIL
L563	EXCELSA39V	COIL
L568	EXCELD35C	COIL
L571	EXCELD35C	COIL
L574	ELH5L7701	LINEARITY COIL
L575	ELHKL8071B	COIL
L576	ELC18B331E	COIL
L701	TALFP15B152K	COIL
L702	ELC18B331E	COIL
L703	EXCELSA35T	COIL
L704	EXCELD35V	COIL
L812	EXCELSA39V	COIL
L815	EXCELSA39V	COIL
L818	EXCELSA39V	COIL
L860	TALL08T100KA	COIL
L862	TALL08T680KA	COIL
L874	EXCELSA35T	COIL
L877	EXCELSA35T	COIL
L883	TALL08T181KA	COIL
L890	ELF18D486D	COIL
L891	ELF18D486D	COIL
L895	EXCELSA35T	COIL
L904	TLT560K991R	COIL
L953	EXCELSA35T	COIL
L954	EXCELSA35T	COIL
L956	EXCELSA35T	COIL
L1103	TALC325T4R7M	COIL
L1104	TALC325T4R7M	COIL
L1106	ELESN4R7KA	COIL
L1107	TALC325T4R7M	COIL
L1108	TALC325T4R7M	COIL
L1109	TALC325T4R7M	COIL
L1110	TALC325T4R7M	COIL
L1111	ELESN4R7KA	COIL
L1112	EXCELD35V	COIL
L1115	TALC325T3R3M	COIL
L1116	TALC325T4R7M	COIL
L1312	EXCELD35V	COIL
L1322	EXCELD35V	COIL
L2001	EXCELD35V	COIL
L2002	EXCELD35V	COIL

Cct Ref	Parts Number	Description
L2004	TLT068K991R	COIL
L2005	EXCELD35V	COIL
L2007	EXCELD35V	COIL
L2008	EXCELD35V	COIL
L2009	TALC325T4R7M	COIL
L2010	TALC325T4R7M	COIL
L2278	EXCELSA35T	COIL
L2301	TALL08T100KA	COIL
L2302	TALL08T100KA	COIL
L2303	TAL10RP390LB	COIL
L2305	TAL10RP390LB	COIL
L2308	TALL08T270KA	COIL
L2309	TAL10RP390LB	COIL
L2311	ELESN101KA	COIL
L2312	TALL08T100KA	COIL
L2313	TALL08T100KA	COIL
L2314	EXCELD35V	COIL
L2316	EXCELD35V	COIL
L2319	EXCELD35V	COIL
L2320	EXCELD35V	COIL
L2321	EXCELD35V	COIL
L2322	EXCELD35V	COIL
L2323	EXCELD35V	COIL
L2324	EXCELD35V	COIL
L2325	EXCELD35V	COIL
L2407	EXCELSA35T	COIL
L2409	EXCELSA35T	COIL
L2410	EXCELSA35T	COIL
L2412	EXCELSA35T	COIL
L2414	EXCELD35C	COIL
L2415	EXCELD25V	COIL
L2431	TALL08T270KA	COIL
L2433	TALL08T270KA	COIL
L2435	TALL08T270KA	COIL
L2436	TALL08T270KA	COIL
L2437	TALL08T270KA	COIL
L2438	TALL08T270KA	COIL
L2439	TLTACT100K	COIL
L2440	EXCEMT271BT	COIL
L2523	ELESN6R8KA	COIL
L2524	ELESN6R8KA	COIL
L2527	EXCELSA35T	COIL
L2703	EXCELD35V	COIL
L2704	TALL08T330KA	COIL
L2705	EXCELD35V	COIL
L2706	TAL10RP151LB	COIL
L2707	EXCELD35V	COIL
L2708	EXCELD35V	COIL
L2709	TLPP095	COIL
L2710	EXCELD35V	COIL
L2712	TAL10RP151LB	COIL
L2713	EXCELD35V	COIL
L2714	EXCELD35V	COIL
L2715	EXCELD35V	COIL
L2716	TALL08T330KA	COIL
L2717	TALL08T330KA	COIL
L2718	TLPP095	COIL
L2719	TLPP095	COIL
L2722	EXCELD35V	COIL
L2724	EXCELD35V	COIL
L2725	EXCELD35V	COIL
L2727	EXCELD35V	COIL
L2729	EXCELD35V	COIL
L2730	EXCELD35V	COIL
L2732	EXCELD35V	COIL
L2734	EXCELD35V	COIL

Cct Ref	Parts Number	Description
L2735	EXCELD35V	COIL
L3004	ELESN4R7KA	COIL
L3050	ELESN221KA	COIL
L3401	EXCELSA35T	COIL
L3402	EXCELSA35T	COIL
L3403	EXCELD35V	COIL
L3404	EXCELD35V	COIL
L3405	EXCELD35V	COIL
L3406	EXCELD35V	COIL
L3407	EXCELD35V	COIL
L3408	EXCELD35V	COIL
L3409	EXCELD35V	COIL
L3410	EXCELD35V	COIL
L3411	EXCELD35V	COIL
L3412	EXCELD35V	COIL
L3413	EXCELD35V	COIL
L3414	EXCELD35V	COIL
L3415	EXCELD35V	COIL
L3416	EXCELSA35T	COIL
L3417	EXCELSA35T	COIL
L3418	EXCELSA35T	COIL
L3419	EXCELSA35T	COIL
L3420	ELESN4R7KA	COIL
L3424	EXCELD25V	COIL
L4801	EXCELD35V	COIL
L4802	EXCELD35V	COIL
L4803	EXCELD35V	COIL
L4804	EXCELD35V	COIL
LC1101	TLK212T256AL	COIL
LC1102	TLK212T256AL	COIL
LC1104	TLK212T256AL	COIL
LC1105	TLK212T256AL	COIL
LC1106	TLK212T256AL	COIL
LC1110	TLK212T256AL	COIL
LC1111	TLK212T256AL	COIL
LC1112	TLK212T256AL	COIL
LC1113	TLK212T256AL	COIL
LC1114	TLK20LFA224M	COIL
LC1115	TLK20LFA103M	COIL
LC1116	TLK20LFA103M	COIL
LC1117	TLK20LFA103M	COIL
LC1118	TLK20LFA103M	COIL
LC1119	TLK20LFA103M	COIL
LC1120	TLK20LFA103M	COIL
LC1121	TLK20LFA224M	COIL
LC1122	TLK20LFA224M	COIL
LC1123	TLK20LFA224M	COIL
LC1124	TLK20LFA224M	COIL
LC1125	TLK20LFA103M	COIL
LC1126	TLK20LFA103M	COIL
LC1127	TLK20LFA103M	COIL
LC1128	TLK20LFA103M	COIL
LC1130	TLK20LFA103M	COIL
LC1131	TLK20LFA103M	COIL
LC1132	TLK20LFA103M	COIL
LC1133	TLK20LFA103M	COIL
LC1134	TLK20LFA103M	COIL
LC1135	TLK212T256AL	COIL
LC1136	TLK20LFA103M	COIL
LC1137	TLK20LFA103M	COIL
LC1138	TLK20LFA103M	COIL
LC1139	TLK20LFA103M	COIL
LC1140	TLK212T256AL	COIL
LC1141	TLK20LFA103M	COIL
LC1142	TLK20LFA103M	COIL
LC1143	TLK20LFA103M	COIL

Cct Ref	Parts Number	Description
LC1144	TLK212T256AL	COIL
LC1145	TLK212T256AL	COIL
LC1146	TLK212T256AL	COIL
<b>FILTERS</b>		
L893	ELF24V032B	FILTER
L894	ELF24V034A	FILTER
LC1107	ELKE103FA	FILTER
LC1108	ELKE103FA	FILTER
LC1109	ELKE103FA	FILTER
LC1147	ELKE103FA	FILTER
<b>CRYSTALS</b>		
X2101	TSSA128	CRYSTAL
X2501	TSSA172	CRYSTAL
X3501	HQJ600400006	CRYSTAL
<b>RESISTORS</b>		
C025	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
D842	ERZV100621CS	VARISTOR 10W 20% 620 Ω
JA1	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA2	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA3	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA4	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA5	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA6	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA7	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA8	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA9	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA10	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA11	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA12	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA13	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA14	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA15	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA16	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA17	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA18	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA19	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA20	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA21	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA22	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA23	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA24	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA25	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA26	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA27	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA28	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA29	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA30	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA31	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA32	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA33	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA34	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA35	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA36	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA37	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA38	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA39	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA40	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA41	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA42	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA43	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA44	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA45	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA46	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA47	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA48	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA49	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω
JA50	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0 Ω

Cct Ref	Parts Number	Description				
JSA21	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA22	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA27	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA28	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA31	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA33	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA34	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA35	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA36	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA42	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA45	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA46	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA47	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA48	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA52	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA53	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA55	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA57	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA59	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA62	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA64	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA65	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA66	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA67	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA69	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA71	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA74	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA75	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA84	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA89	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA90	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSA101	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSH1	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSH2	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSH3	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSH7	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSH8	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSH9	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSL10	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSL14	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSU1	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSU3	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSZ7	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
JSZ18	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
L1101	ERD25TC0T	CARBON	0.25W	5%	0 Q	
L1307	ERD25TC0T	CARBON	0.25W	5%	0 Q	
L2307	ERD25TC0T	CARBON	0.25W	5%	0 Q	
L2315	ERD25TC0T	CARBON	0.25W	5%	0 Q	
L2317	ERD25TC0T	CARBON	0.25W	5%	0 Q	
L2318	ERD25TC0T	CARBON	0.25W	5%	0 Q	
L3002	ERD25TC0T	CARBON	0.25W	5%	0 Q	
L3003	ERD25TC0T	CARBON	0.25W	5%	0 Q	
LC1343	QJT1090	JUMPER	0.1W	5%	0 Q	
LC1344	QJT1090	JUMPER	0.1W	5%	0 Q	
R001	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R002	ERJ8GEYJ683	S.M.CARB	0.1W	5%	68K Q	
R003	ERJ8GEYJ683	S.M.CARB	0.1W	5%	68K Q	
R005	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R008	ERJ8GEYJ472	S.M.CARB	0.1W	5%	4K7 Q	
R052	ERJ8GEYJ683	S.M.CARB	0.1W	5%	68K Q	
R053	ERJ8GEYJ683	S.M.CARB	0.1W	5%	68K Q	
R055	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R056	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R057	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R059	ERJ8ENF5600	S.M.CARB	0.1W	1%	560 Q	
R060	ERJ8ENF5600	S.M.CARB	0.1W	1%	560 Q	

Cct Ref	Parts Number	Description				
R064	ERJ8GEYJ472	S.M.CARB	0.1W	5%	4K7 Q	
R351	ERJ8GEYJ821	S.M.CARB	0.1W	5%	820 Q	
R352	ERJ8ENF1801	S.M.CARB	0.1W	1%	1.8K Q	
R353	ERJ8ENF1331	S.M.CARB	0.1W	1%	330 Q	
R354	ERG3FJ5823	METAL	3W	5%	82K Q	
R355	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R356	ERJ8GEYJ822	S.M.CARB	0.1W	5%	8K2 Q	
R357	ERC12GK471C	SOLID	0.5W	5%	470 Q	
R360	ERJ8GEYJ561	S.M.CARB	0.1W	5%	560 Q	
R361	ERJ8ENF1801	S.M.CARB	0.1W	1%	1.8K Q	
R362	ERG3FJ5823	METAL	3W	5%	82K Q	
R363	ERJ8ENF1331	S.M.CARB	0.1W	1%	330 Q	
R364	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R365	ERJ8GEYJ822	S.M.CARB	0.1W	5%	8K2 Q	
R366	ERC12GK561	SOLID	0.5W	10%	560 Q	
R370	ERJ8GEYJ271	S.M.CARB	0.1W	5%	270 Q	
R371	ERJ8ENF1801	S.M.CARB	0.1W	1%	1.8K Q	
R372	ERJ8ENF1331	S.M.CARB	0.1W	1%	330 Q	
R373	ERG3FJ823	METAL	3W	5%	82K Q	
R374	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R375	ERJ8GEYJ822	S.M.CARB	0.1W	5%	8K2 Q	
R376	ERC12GK561	SOLID	0.5W	10%	560 Q	
R382	ERJ8GEYJ103	S.M.CARB	0.1W	5%	10K Q	
R385	ERJ8GEYJ184	S.M.CARB	0.1W	5%	180K Q	
R387	ERD51TJ471	CARBON	0.5W	5%	470 Q	
R451	ERD51TJ3R3	CARBON	0.5W	5%	3R3 Q	
R452	ERD51TJ3R3	CARBON	0.5W	5%	3R3 Q	
R453	ERJ8GEYJ393	S.M.CARB	0.1W	5%	39K Q	
R454	ERJ8GEYJ123	S.M.CARB	0.1W	5%	12K Q	
R455	ERJ8GEYJ101	S.M.CARB	0.1W	5%	100 Q	
R456	ERG3FJ221	METAL	3W	5%	220 Q	
R457	ERJ8ENF7151	S.M.CARB	0.1W	1%	7K15 Q	
R458	ERJ8ENF3481	S.M.CARB	0.1W	1%	3K48 Q	
R459	ERJ8ENF9311	S.M.CARB	0.1W	1%	9K53 Q	
R460	ERJ8ENF3011	S.M.CARB	0.1W	1%	300 Q	
R461	ERD51FJ1R0	CARBON	0.5W	5%	1 Q	
R462	ERJ8GEYJ103	S.M.CARB	0.1W	5%	10K Q	
R463	ERJ8GEYJ563	S.M.CARB	0.1W	5%	56K Q	
R464	ERJ8GEYJ103	S.M.CARB	0.1W	5%	10K Q	
R465	ERJ8GEYJ103	S.M.CARB	0.1W	5%	10K Q	
R467	ERJ8GEYJ471	S.M.CARB	0.1W	5%	470 Q	
R468	ERJ8GEYJ224	S.M.CARB	0.1W	5%	220K Q	
R469	ERJ8GEYJ472	S.M.CARB	0.1W	5%	4K7 Q	
R470	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R471	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R472	ERJ8GEYJ272	S.M.CARB	0.1W	5%	2K7 Q	
R473	ERJ8GEYJ222	S.M.CARB	0.1W	5%	2K2 Q	
R474	ERJ8GEYJ103	S.M.CARB	0.1W	5%	10K Q	
R475	ERJ8GEY0R00	S.M.CARB	0.1W	5%	0 Q	
R507	ERD52TJ104T	CARBON	2W	5%	100K Q	
R508	ERD52TJ271	CARBON	0.25W	5%	270 Q	
R509	ERX3FJ1R0	METAL	3W	5%	1 Q	
R510	ERG1FJ561	METAL	1W	5%	560 Q	
R511	ERJ8GEYJ101	S.M.CARB	0.1W	5%	100 Q	
R512	ERJ8GEYJ222	S.M.CARB	0.1W	5%	2K2 Q	
R513	ERJ8GEYJ103	S.M.CARB	0.1W	5%	10K Q	
R514	ERJ8GEYJ102	S.M.CARB	0.1W	5%	1K Q	
R520	ERD25TJ153	CARBON	0.25W	5%	15K Q	
R521	ERG2FJ5123	METAL	2W	5%	12K Q	
R522	ERD25TJ101	CARBON	0.25W	5%	100 Q	
R523	ERD25TJ103	CARBON	0.25W	5%	10K Q	
R524	ERD25TJ103	CARBON	0.25W	5%	10K Q	
R525	ERD25TJ102	CARBON	0.25W	5%	1K Q	
R526	ERC14GK184	SOLID	0.25W	5%	180K Q	
R527	ERC14GK221	SOLID	1/4W	5%	220K Q	
R530	ERD25TJ101	CARBON	0.25W	5%	100 Q	

Cct Ref	Parts Number	Description				
R531	ERC14GK334	SOLID	0.25W	10%	330K Q	
R532	ERD25TJ473	CARBON	0.25W	5%	47K Q	
R533	ERG3FJ5821	METAL	3W	5%	820 Q	
R534	ERD52TJ333T	CARBON	2W	5%	33K Q	
R535	ERG1FJ5332	METAL	1W	5%	3R3K Q	
R536	ERG3FJ5821	METAL	3W	5%	820 Q	
R537	ERC12GK104V	SOLID	0.5W	10%	100K Q	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Q	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Q	
R551	ERD25TJ103	CARBON	0.25W	5%	10K Q	
R552	ERD52TJ223T	CARBON	2W	5%	22K Q	
R555	ERD25TKF4702	METAL	0.25W	1%	47K Q	
R556	ERF2AKR18P	WOUND	2W	1%	R18 Q	
R557	ERD50PKF2802	METAL	0.5W	1%	8K Q	
R558	ERD25TKF2202	METAL	0.25W	10%	22K Q	
R559	ERD52TKF1502	METAL	2W	1%	15K Q	
R560	ERD25TKF3902	METAL	0.25W	10%	39K Q	
R564	ERD25CKF1002	METAL	0.25W	1%	10K Q	
R566	ERD52TJ222T	CARBON	0.5W	5%	2K2 Q	
R569	ERD52TJ222T	CARBON	0.5W	5%	2K2 Q	
R570	ERD52TJ222T	CARBON	0.5W	5%	2K2 Q	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Q	
R577	ERG3FJ331	METAL	3W	5%	330 Q	
R578	ERG3FJ331	METAL	3W	5%	330 Q	
R580	ERD52TJ223T	CARBON	2W	5%	22K Q	
R581	ERD52TJ154	CARBON	2W	5%	150K Q	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Q	
R583	ERD25TJ822	CARBON	0.25W	5%	8K2 Q	
R584	ERD25TJ272F	CARBON	0.25W	5%	2K7 Q	
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Q	
R591	ERD25TKF9311	METAL	0.25W	1%	9K31 Q	
R592	ERD25TKF1132	METAL	0.25W	1%	1K13 Q	
R593	ERQ14AJW100	FUSIBLE	0.25W	5%	10 Q	
R594	ERD25TJ334	CARBON	0.25W	5%	330K Q	
R647	ERJ8GEYJ680	S.M.CARB	0.1W	5%	68 Q	
R652	ERJ8GEYJ331	S.M.CARB	0.1W	5%	330 Q	
R653	ERJ8GEYJ331	S.M.CARB	0.1W	5%	330 Q	
R654	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Q	
R655	ERJ8GEYJ102	S.M.CARB	0.1W	5%	1K Q	
R656	ERJ8GEYJ102	S.M.CARB	0.1W	5%	1K Q	
R657	ERJ8GEYJ102	S.M.CARB	0.1W	5%	1K Q	
R658	ERJ8GEYJ331	S.M.CARB	0.1W	5%	330 Q	
R705	ERF5ZJ471	WOUND	5W	5%	470 Q	
R714	ERD51FJ680	CARBON	0.5W	5%	68 Q	
R719	ERF5AK4R7	WOUND	5W	1%	4R7 Q	
R779	ERJ8ENF1152	S.M.CARB	0.1W	1%	1K5 Q	
R780	ERJ8GEYJ822	S.M.CARB	0.1W	5%	8K2 Q	
R781	ERJ8GEYJ102	S.M.CARB	0.1W	5%	1K Q	
R782	ERD52TJ391T	CARBON	2W	5%	390 Q	
R783	ERJ8GEYJ682	S.M.CARB	0.1W	5%	6K8 Q	
R801	ERF7ZK2R7	WOUND	7W	20%	2R7 Q	
R803	ERG3FJ5183	METAL	3W	5%	18K Q	
R804	ERG3FJ5183	METAL	3W	5%	18K Q	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Q	
R807	ERC14GK824C	SOLID	0.25W	10%	820K Q	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Q	
R815	ERD51TJ151	CARBON	0.5W	5%	150 Q	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Q	
R820	ERD52TJ562	CARBON	2W	5%	5.6K Q	
R836	ERD52TJ152T	CARBON	0.5W	5%	1K5 Q	
R837	ERD52TJ152T	CARBON	0.5W	5%	1K5 Q	
R839	ERD75TAJ825	CARBON	0.75W	5%	8M2 Q	
R841	ERF2AJ560	WOUND	2W	5%	56 Q	
R842	ERG1FJ5104	METAL	1W	5%	100K Q	
R843	ERD25TJ101	CARBON	0.25W	5%	100 Q	
R851	ERD52TJ103	CARBON	0.25W	5%	10K Q	

Cct Ref	Parts Number	Description			
R1004	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R1101	ERJ3GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R1102	ERJ3GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R1103	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R1104	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1105	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R1106	ERJ3GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1107	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1108	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1109	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1110	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R1111	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1112	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1113	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1114	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1115	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1116	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω
R1117	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1118	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1119	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1120	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1121	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1122	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1123	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1124	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1125	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1126	ERJ3GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1127	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1128	ERJ3GEYJ273	S.M.CARB	0.1W	5%	27K Ω
R1129	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1131	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1132	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1134	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R1135	ERJ3GEYJ224V	S.M.CARB	0.1W	5%	220K Ω
R1136	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R1137	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1138	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1139	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω
R1140	ERJ6GEYJ225	S.M.CARB	0.1W	5%	2M2 Ω
R1141	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1142	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1144	ERJ3GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1145	ERJ3GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1146	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1147	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1148	ERJ3GEYJ273	S.M.CARB	0.1W	5%	27K Ω
R1149	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1150	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1153	ERJ3GEYJ563V	S.M.CARB	0.1W	5%	56K Ω
R1154	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1155	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1156	ERJ3GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1157	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1158	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1160	ERJ3GEYJ182V	S.M.CARB	0.1W	5%	1K8 Ω
R1161	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1162	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R1163	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R1164	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R1166	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R1168	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1169	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1170	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1172	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1177	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1178	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
R1179	ERJ3GEYJ682	S.M.CARB	0.1W	5%	6K8 Ω
R1180	ERJ3GEYJ392V	S.M.CARB	0.1W	5%	3K9 Ω
R1181	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1188	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1189	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1190	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1191	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1192	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1193	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1194	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1195	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1196	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1202	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1205	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1209	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1214	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1217	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1221	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1225	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1232	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1233	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1236	EXB38V680JV	CHIP	0.063	5%	680 Ω
R1239	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R1240	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R1241	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R1242	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1243	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R1249	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1250	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1251	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1253	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1255	ERJ3GEYJ392V	S.M.CARB	0.1W	5%	3K9 Ω
R1256	ERJ3GEYJ473V	S.M.CARB	0.1W	5%	47K Ω
R1257	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1258	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1264	ERJ3GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1293	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω
R1294	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω
R1317	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1340	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1341	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1411	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1413	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R1423	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1434	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1435	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1438	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1439	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1446	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1457	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220K Ω
R1458	ERJ6ENF6201V	S.M.CARB	0.1W	1%	6K2 Ω
R1459	ERJ6ENF4751	S.M.CARB	0.1W	1%	4K75 Ω
R1460	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1473	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R1474	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R1482	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1529	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R1531	ERJ6GEYJ222	S.M.CARB	0.1W	5%	10 Ω
R1543	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R2004	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2006	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2007	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2008	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2015	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2019	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R2025	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω

Cct Ref	Parts Number	Description			
R2026	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2030	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2031	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2033	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2034	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2035	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2036	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2039	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2040	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2041	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2042	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2043	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2044	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2050	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2051	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2052	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2251	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2252	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2253	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2254	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2255	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2256	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2257	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2258	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2301	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2303	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2304	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2305	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2306	ERJ6ENF5232	S.M.CARB	0.1W	1%	52K3 Ω
R2307	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
R2308	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2309	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R2310	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2311	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9 Ω
R2312	ERJ6GEYJ134	S.M.CARB	0.1W	5%	130K Ω
R2315	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2316	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5 Ω
R2317	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2318	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2319	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R2321	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2322	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2323	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
R2324	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2325	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2326	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2327	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2328	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5 Ω
R2329	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9 Ω
R2330	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R2331	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2332	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2334	ERJ6ENF5232	S.M.CARB	0.1W	1%	52K3 Ω
R2335	ERJ6ENF6802V	S.M.CARB	0.1W	1%	68K Ω
R2336	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2337	ERJ6ENF1202	S.M.CARB	0.1W	1%	1K2 Ω
R2338	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2339	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2340	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2341	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2342	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2345	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2346	ERJ6GEYJ303	S.M.CARB	0.1W	5%	30K Ω
R2348	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R2349	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2350	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω

Cct Ref	Parts Number	Description				
R2351	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R2352	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R2354	ERX5FJ1R0	METAL	5W	5%	1 Ω	△
R2355	ERX3FJ2R2	METAL	3W	5%	2R2 Ω	
R2356	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω	
R2357	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27K Ω	
R2358	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω	
R2364	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω	
R2365	ERG1SJ102	METAL	1W	5%	1K Ω	
R2366	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω	
R2368	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2369	ERX3FJ54R7	METAL	3W	5%	4R7 Ω	
R2371	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2374	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2375	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω	
R2376	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω	
R2377	ERG3FJ561H	METAL	2W	5%	560 Ω	
R2378	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω	
R2383	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω	
R2384	ERG3FJ471	METAL	3W	5%	470 Ω	△
R2385	ERJ6GEYJ752	S.M.CARB	0.1W	5%	7K5 Ω	
R2386	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω	
R2387	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2388	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R2389	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω	
R2390	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27K Ω	
R2391	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω	
R2393	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω	
R2395	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω	
R2396	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2398	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
R2399	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R2400	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2401	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2403	ERDS1TJ154	CARBON	0.5W	5%	150 Ω	
R2404	ERDS1TJ184	CARBON	0.5W	5%	180 Ω	
R2406	ERW12PKR33	WOUND	0.5W 10%		R33 Ω	△
R2407	ERD2FCVJ4R7P	CARBON	2W	5%	4R7 Ω	△
R2408	ERG2FJ101H	METAL	2W	5%	100 Ω	△
R2409	ERG2FJ101H	METAL	2W	5%	100 Ω	△
R2410	ERGSFJ473	METAL	5W	5%	47K Ω	△
R2411	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω	
R2411	ERD2FCVJ4R7P	CARBON	2W	5%	4R7 Ω	△
R2412	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2412	ERGSFJ390H	METAL	5W	5%	39 Ω	△
R2412	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2413	ERQ2CJ2R4	METAL	2W	5%	2R4 Ω	△
R2414	ERGSFJ471	METAL	3W	5%	470 Ω	△
R2415	ERDS1TJ103	CARBON	0.5W	5%	10K Ω	
R2416	ERDS2TJ820T	CARBON	2W	5%	82 Ω	
R2417	ERD25TJ102	CARBON	0.25W 5%		1K Ω	
R2418	ERG3FJ471	METAL	3W	5%	470 Ω	
R2421	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω	
R2422	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R2423	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2428	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
R2429	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω	
R2430	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
R2431	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω	
R2432	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω	
R2434	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2435	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2436	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R2438	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2440	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω	
R2441	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	



Cct Ref	Parts Number	Description				
R2442	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2443	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470	Q
R2444	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2447	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2448	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8	Q
R2449	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2450	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9	Q
R2451	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2452	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8	Q
R2454	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2455	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2456	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2458	ERX12SJ1R0	METAL	0.5W	5%	1	Q
R2459	ERX12SJ1R0	METAL	0.5W	5%	1	Q
R2460	ERX12SJ1R0	METAL	0.5W	5%	1	Q
R2461	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R2463	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75	Q
R2464	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560	Q
R2465	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150	Q
R2466	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K	Q
R2467	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K	Q
R2468	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150	Q
R2469	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560	Q
R2470	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K	Q
R2471	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K	Q
R2472	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2	Q
R2473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2	Q
R2474	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150	Q
R2475	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5	Q
R2476	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5	Q
R2477	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150	Q
R2478	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K	Q
R2479	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2	Q
R2480	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2	Q
R2481	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K	Q
R2482	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7	Q
R2487	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R2488	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R2489	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K	Q
R2490	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K	Q
R2491	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K	Q
R2492	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K	Q
R2495	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2496	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2497	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R2498	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2499	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2502	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K	Q
R2550	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820	Q
R2551	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2552	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820	Q
R2553	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2554	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820	Q
R2555	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2556	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820	Q
R2557	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2558	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820	Q
R2559	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2560	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820	Q
R2561	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2568	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2569	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2570	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2571	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2572	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2573	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q

Cct Ref	Parts Number	Description				
R2623	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K	Q
R2624	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M	Q
R2625	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K	Q
R2626	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K	Q
R2627	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M	Q
R2628	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K	Q
R2629	ERJ6GEYJ334	S.M.CARB	0.1W	5%	330K	Q
R2630	ERJ6GEYJ105	S.M.CARB	0.1W	5%	1M	Q
R2631	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K	Q
R2632	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2633	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220K	Q
R2717	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K	Q
R2718	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2719	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R2720	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3	Q
R2724	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R2725	ERJ6ENF1301	S.M.CARB	0.1W	1%	1K3	Q
R2726	ERJ6ENF4121	S.M.CARB	0.1W	1%	4K12	Q
R2727	ERJ6ENF2151	S.M.CARB	0.1W	1%	2K15	Q
R2728	ERJ6ENF1201	S.M.CARB	0.1W	1%	1K2	Q
R2731	ERJ6ENF2151	S.M.CARB	0.1W	1%	2K15	Q
R2732	ERJ6ENF1201	S.M.CARB	0.1W	1%	1K2	Q
R3001	ERJ6GEYJ680	S.M.CARB	0.125W	5%	68	Q
R3002	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3003	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3004	ERJ6GEYJ680	S.M.CARB	0.125W	5%	68	Q
R3005	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R3006	ERJ6GEYJ680	S.M.CARB	0.125W	5%	68	Q
R3007	ERJ6GEYJ680	S.M.CARB	0.125W	5%	68	Q
R3008	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3009	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3	Q
R3010	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3012	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3013	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3014	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3015	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K	Q
R3017	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3018	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3019	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3020	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3021	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K	Q
R3022	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3023	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3025	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3026	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3027	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3028	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3029	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R3030	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R3031	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K	Q
R3034	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3035	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3036	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3037	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K	Q
R3044	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330	Q
R3049	ERJ6ENF5600	S.M.CARB	0.1W	1%	560	Q
R3050	ERJ6ENF5600	S.M.CARB	0.1W	1%	560	Q
R3051	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560	Q
R3053	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3054	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330	Q
R3059	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560	Q
R3062	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330	Q
R3064	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R3066	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q
R3069	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0	Q

Cct Ref	Parts Number	Description				
R3071	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220	Q
R3073	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330	Q
R3074	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3076	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3077	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3078	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3079	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3084	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3085	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3086	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3087	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3088	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3089	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3090	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6	Q
R3116	ERD25TJ103	CARBON	0.25W	5%	10K	Q
R3122	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K	Q
R3123	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R3124	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680	Q
R3125	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3126	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120	Q
R3127	ERJ6GEYJ390	S.M.CARB	0.1W	5%	39	Q
R3128	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330	Q
R3129	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560	Q
R3130	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560	Q
R3326	ERJ6ENF2202	S.M.CARB	0.1W	1%	22K	Q
R3401	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3402	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K	Q
R3403	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3404	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K	Q
R3405	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3406	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3407	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K	Q
R3408	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K	Q
R3409	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3410	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3411	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3412	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R3413	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3414	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3415	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3416	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3417	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75	Q
R3418	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3419	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3420	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3421	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K	Q
R3422	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K	Q
R3423	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3424	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3425	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3426	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R3427	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3428	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3429	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3430	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75	Q
R3431	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3432	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3433	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K	Q
R3434	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K	Q
R3435	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K	Q
R3436	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3437	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100	Q
R3438	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K	Q
R3439	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75	Q
R3440	ERJ6ENF75R0	S.M.CARB	0.1W	1%	75	Q
R3441	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K	Q

Cct Ref	Parts Number	Description		
C376	ECKC2H122J	CERAMIC	500V	1.2µF
C377	ECA2EM100B	ELECT	250V	10µF
C380	ECEA1HU101	ELECT	50V	100µF
C382	ECA1CM221GB	ELECT	16V	220µF
C383	ECA1CM222GB	ELECT	16V	2200µF
C388	ECJ2VB1H183K	CERAMIC	50V	18nF
C390	ECA1HM100GB	ELECT	50V	10µF
C391	ECKC3D332J	CERAMIC	2KV	3.3µF
C450	ECA1VM102GB	ELECT	35V	1nF
C451	ECA1VM470B	ELECT	35V	47µF
C452	ECEA1HU471	ELECT	50V	470µF
C455	ECEA1CN220	ELECT	16V	22µF
C457	ECA1VHG102B	ELECT	35V	1pF
C459	ECA1HM100GB	ELECT	50V	10µF
C460	ECQB1224KFW	FILM	100V	220nF
C462	ECQV1H104J	FILM	50V	100nF
C463	ECJ2VF1H103Z	CERAMIC	50V	10nF
C473	ECQV1H104J	FILM	50V	100nF
C474	ECJ2VF1H103Z	CERAMIC	50V	10nF
C475	ECJ2VC1H220J	CERAMIC	50V	22pF
C476	ECJ2VF1H102FZ3	FILM	100V	100nF
C482	ECA1CM102B	ELECT	16V	1000µF
C490	ECJ2VF1H103Z	CERAMIC	50V	10nF
C504	ECA1VM101GB	ELECT	35V	100µF
C505	ECQV1H104J	FILM	50V	100nF
C508	ECA1EM102GB	ELECT	25V	100µF
C510	ECJ2VF1C104Z	CERAMIC	16V	470nF
C521	ECKC3A152J	CERAMIC	1KV	1500pF
C522	ECKC3A272J	CERAMIC	1KV	2.7µF
C523	ECKC3A151J	CERAMIC	1KV	150pF
C524	ECQM6223JZW	FILM	600V	22nF
C525	ECQM4223JZW	FILM	400V	22nF
C526	ECKC3D101J	CERAMIC	2KV	100pF
C527	ECA1HM010GB	ELECT	50V	1µF
C528	ECKC3D471JB	CERAMIC	2KV	470pF
C529	ECA1HM100GB	ELECT	50V	10µF
C530	ECKC3A681J	CERAMIC	1KV	680pF
C531	ECKC3D102J	CERAMIC	2KV	1nF
C551	ECKC3A821J	CERAMIC	1KV	820pF
C554	ECKC3D561J	CERAMIC	2KV	560pF
C555	ECQP1223JZW	FILM	100V	22nF
C556	ECWH20102JVY	FILM	200V	1µF
C558	ECWH20562JVB	FILM	200V	5.6nF
C559	ECQF4103JZH	FILM	400V	10nF
C560	ECEA2CNR47SB	ELECT	160V	0.47µF
C561	ECWH20562JVB	FILM	200V	5.6nF
C562	ECQF4822JZH	FILM	400V	8.2nF
C565	ECQE2155JFB	FILM	250V	1.5µF
C569	ECA2EM330B	ELECT	250V	33µF
C571	ECKC1H472J	CERAMIC	50V	4.7nF
C573	ECQM4223JZW	FILM	400V	22nF
C576	ECKC3A182J	CERAMIC	1KV	1800pF
C577	ECWF4304JBP	FILM	400V	300nF
C578	ECWF4334JBB	FILM	400V	330nF
C579	ECWF4564JBB	FILM	400V	560nF
C580	ECWF4684JBB	FILM	400V	680nF
C583	ECQB1H223K	FILM	50V	22nF
C584	ECKC3D681J	CERAMIC	2KV	680pF
C585	ECKC3D681J	CERAMIC	2KV	680pF
C591	ECA1HM100GB	ELECT	50V	10µF
C705	ECQM2562JZB	FILM	200V	5.6µF
C708	ECQE2334KF3	FILM	200V	330nF
C709	ECQE1335KF8	FILM	100V	3.3µF
C710	ECQE1335KF8	FILM	100V	3.3µF
C711	ECQE1335KF8	FILM	100V	3.3µF
C715	ECKC3D271J	CERAMIC	2KV	270pF

Cct Ref	Parts Number	Description		
C801	ECKRAE4722E	CERAMIC	10V	4.7µF
C802	ECKRAE4722E	CERAMIC	10V	4.7µF
C803	ECKRAE4722E	CERAMIC	10V	4.7µF
C804	ECKRAE4722E	CERAMIC	10V	4.7µF
C808	ECA1VHG221B	ELECT	35V	220µF
C817	ECKC3D681J	CERAMIC	2KV	680pF
C819	ECKC2H471J	CERAMIC	500V	470pF
C820	ECOS2GP471DB	ELECT	200V	470µF
C823	ECQF4123JZH	FILM	400V	12nF
C824	ECQE6823KFB	FILM	600V	82nF
C828	ECKC3D152J	CERAMIC	2KV	1.5nF
C829	ECQB1H681JF3	FILM	50V	680pF
C831	ECKCNA471M8B	CERAMIC	10V	4R7µF
C841	ECKRAE4722E	CERAMIC	10V	4.7µF
C843	ECQV1H104J	FILM	50V	100nF
C844	ECKC3D392J	CERAMIC	2KV	3900pF
C845	ECKC1H101J	CERAMIC	50V	100pF
C847	ECA2WM100E	ELECT	450V	10µF
C851	ECQB1H104JF3	FILM	100V	100nF
C852	ECQB1H04JF3	FILM	100V	100nF
C853	ECEA1HU102	ELECT	50V	1000µF
C854	ECKC2H561J	CERAMIC	500V	560pF
C855	ECQB1H103J	FILM	50V	10nF
C858	ECKC3D182JB	CERAMIC	2KV	1.8nF
C861	ECA1EHG331B	ELECT	50V	330pF
C862	ECA1EHG222B	ELECT	50V	2.2pF
C864	ECA1EM222GB	ELECT	25V	2200µF
C865	ECA1EM222GB	ELECT	25V	2200µF
C866	ECOS2CA561BB	ELECT	160V	560µF
C868	ECA160V33UB	ELECT	160V	33µF
C869	ECA1EM472E	ELECT	50V	4.7pF
C871	ECA1HMG100B	ELECT	50V	10µF
C883	ECA1HM100GB	ELECT	50V	10µF
C885	ECA1VM470B	ELECT	35V	47µF
C888	ECA1CM471GB	ELECT	16V	470µF
C889	ECA1CM222GB	ELECT	16V	2200µF
C892	ECQU2A224MN	FILM	250V	220nF
C893	ECQU2A224MN	FILM	250V	220nF
C894	ECQU2A683MNB	FILM	100V	68nF
C895	ECKCNA152ME7	CERAMIC	10V	1.5µF
C897	ECKCNA152ME7	CERAMIC	10V	1.5µF
C898	ECQU2A224MN	FILM	250V	220nF
C899	ECQU2A224MN	FILM	250V	220nF
C901	EEANA1E100B	CERAMIC	25V	10µF
C902	ECA1HM101GB	ELECT	50V	100µF
C905	ECA1VM101GB	ELECT	35V	100µF
C907	ECJ2VC1H151J	CERAMIC	50V	150pF
C955	ECQB1103J	FILM	100V	10nF
C958	ECA2CM100B	ELECT	160V	10µF
C959	ECQB1103J	FILM	100V	10nF
C960	ECJ2VC1H221J	CERAMIC	50V	220pF
C961	ECA2CM100B	ELECT	160V	10µF
C962	ECQM4472RJZ	FILM	400V	4.7µF
C963	ECJ2VC1H221J	CERAMIC	50V	220pF
C964	ECA1CHG101	ELECT	16V	100µF
C966	ECA1HM101GB	ELECT	50V	100µF
C967	ECA1CHG471B	ELECT	16V	470µF
C974	ECA1VM101GB	ELECT	35V	100µF
C1040	ECQB1H223K	FILM	50V	22nF
C1041	ECA1HM470GB	ELECT	50V	47µF
C1043	ECKC1H101J	CERAMIC	50V	100pF
C1101	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1102	EEVHBQ101P	CERAMIC	10V	100pF
C1103	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1104	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1105	ECJ2VF1C104Z	CERAMIC	16V	470nF

Cct Ref	Parts Number	Description		
C1106	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1107	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1108	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1109	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1112	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1115	ECJ2VB1C104K	CERAMIC	16V	100nF
C1116	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1117	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1118	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C1119	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1120	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1121	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1122	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1123	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1124	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1125	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1126	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1127	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1128	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1129	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1130	EEVHBQ221P	CERAMIC	16V	220pF
C1131	ECJ2VC1H220J	CERAMIC	50V	22pF
C1132	ECJ2VC1H220J	CERAMIC	50V	22pF
C1133	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1134	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1135	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1136	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1137	EEVHBQ221P	CERAMIC	16V	220pF
C1138	ECJ2VC1H221J	CERAMIC	50V	220pF
C1139	ECJ2VC1H221J	CERAMIC	50V	220pF
C1140	ECJ2VB1E104K	CERAMIC	25V	100nF
C1142	ECJ2VC1H151J	CERAMIC	50V	150pF
C1144	ECJ2VC1H101J	CERAMIC	50V	100pF
C1146	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1147	ECA1CM471GB	ELECT	16V	470µF
C1148	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1150	ECJ2VB1C104K	CERAMIC	16V	100nF
C1151	ECJ2VB1C104K	CERAMIC	16V	100nF
C1152	ECJ2VB1H103K	CERAMIC	50V	10nF
C1153	ECJ2VB1H103K	CERAMIC	50V	10nF
C1154	ECJ2VF1C105Z	CERAMIC	16V	1µF
C1156	ECA1HM100GB	ELECT	50V	10µF
C1157	TACCMQJ335KT	CERAMIC	6.3V	3.3µF
C1158	TACCMQJ335KT	CERAMIC	6.3V	3.3µF
C1159	EEVHB1C100R	CERAMIC	16V	10pF
C1160	EEVHB1C100R	CERAMIC	16V	10pF
C1161	EEVHBQ221P	CERAMIC	16V	220pF
C1162	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1163	EEVHBQ101P	CERAMIC	10V	100pF
C1164	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1165	ECJ2VF1C105Z	CERAMIC	16V	1µF
C1166	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1167	EEVHB1C101P	CERAMIC	16V	100pF
C1168	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1170	ECA1EKN100B	ELECT	50V	10µF
C1251	ECA1HM101GB	ELECT	50V	100µF
C1252	ECA1HM100GB	ELECT	50V	10µF
C1253	ECJ2VB1C104K	CERAMIC	16V	100nF
C1254	ECJ2VB1C104K	CERAMIC	16V	100nF
C1255	ECA1HM100GB	ELECT	50V	10µF
C1290	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1292	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1293	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1294	ECA1HM101GB	ELECT	50V	100µF
C1295	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1296	ECA0JM471GB	ELECT	6.3V	470µF

Cct Ref	Parts Number	Description		
C1405	ECJ2VF1C104Z	CERAMIC	16V	470nF
C1455	ECJ2VB1C104K	CERAMIC	16V	100nF
C1456	ECJ2VB1C104K	CERAMIC	16V	100nF
C1457	ECJ2VB1C104K	CERAMIC	16V	100nF
C1459	ECJ3VB1C474K	CERAMIC	16V	470nF
C1474	ECJ2VB1C104K	CERAMIC	16V	100nF
C1475	ECJ2VB1C104K	CERAMIC	16V	100nF
C1477	ECJ2VB1C104K	CERAMIC	16V	100nF
C1509	ECA1HM100GB	ELECT	50V	10µF
C1510	ECJ2VB1C104K	CERAMIC	16V	100nF
C1511	ECJ2VB1C104K	CERAMIC	16V	100nF
C1513	ECJ2VB1C104K	CERAMIC	16V	100nF
C1514	ECJ2VB1C104K	CERAMIC	16V	100nF
C1515	ECJ2VB1C104K	CERAMIC	16V	100nF
C1516	ECJ2VB1C104K	CERAMIC	16V	100nF
C1544	ECA1HM101GB	ELECT	50V	100µF
C1550	ECA1HM101GB	ELECT	50V	100µF
C1551	ECA1HM101GB	ELECT	50V	100µF
C1563	ECA1CM470GB	ELECT	16V	47µF
C1564	ECA1HMR7GB	ELECT	50V	4.7µF
C1565	ECA1HMR7GB	ELECT	50V	4.7µF
C1566	ECA1HM220GB	ELECT	50V	22µF
C2007	ECJ2VC1H560J	CERAMIC	50V	56pF
C2008	ECJ2VC1H470J	CERAMIC	50V	47pF
C2009	ECJ2VC1H470J	CERAMIC	50V	47pF
C2010	ECJ2VC1H560J	CERAMIC	50V	56pF
C2011	ECJ2VC1H070D	CERAMIC	50V	7pF
C2014	ECJ2VC1H010C	CERAMIC	50V	1pF
C2015	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2016	ECA1HM101GB	ELECT	50V	100µF
C2017	ECJ2VC1H010C	CERAMIC	50V	1pF
C2022	TACCMQJ105KT	CERAMIC	6.3V	1µF
C2023	TACCMQJ105KT	CERAMIC	6.3V	1µF
C2024	ECJ3VB1C474K	CERAMIC	16V	470n

Cct Ref	Parts Number	Description		
C2307	ECJ2VB1H471K	CERAMIC	50V	470pF
C2308	ECJ2VC1H270J	CERAMIC	50V	27pF
C2309	ECJ2VB1H471K	CERAMIC	50V	470pF
C2310	ECJ2VB1H331K	CERAMIC	50V	330nF
C2311	ECEA1HNR33	ELECT	50V	330pF
C2312	ECJ3VB1H104K	CERAMIC	3.5KV	100nF
C2313	ECJ2VB1H103K	CERAMIC	50V	10nF
C2314	ECJ2VB1H331K	CERAMIC	50V	330nF
C2315	ECJ3VB1H104K	CERAMIC	3.5KV	100nF
C2316	ECJ2VB1H471K	CERAMIC	50V	470pF
C2317	ECA1HMR7GB	ELECT	50V	4.7uF
C2318	ECEA1HNR33	ELECT	50V	330pF
C2319	ECJ2VB1H102K	CERAMIC	50V	1nF
C2320	ECJ2VB1H681K	CERAMIC	50V	680pF
C2321	ECA1CM471GB	ELECT	16V	470pF
C2322	ECJ2VB1H471K	CERAMIC	50V	470pF
C2323	ECQV1H684J	FILM	50V	680nF
C2324	ECJ2VB1H103K	CERAMIC	50V	10nF
C2325	ECA1HMR7GB	ELECT	50V	4.7uF
C2326	ECA1HM101GB	ELECT	50V	100uF
C2327	ECJ2VB1H102K	CERAMIC	50V	1nF
C2328	ECA1HM101GB	ELECT	50V	100uF
C2329	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2330	ECJ2VB1H561K	CERAMIC	50V	560pF
C2331	ECJ3VB1H104K	CERAMIC	3.5KV	100nF
C2332	ECJ2VB1H104K	CERAMIC	50V	100nF
C2333	ECJ2VB1H333K	CERAMIC	50V	33nF
C2334	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2335	ECJ2VC1H101J	CERAMIC	50V	100pF
C2336	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2337	ECA1CM470GB	ELECT	16V	47uF
C2338	ECEA1HU221	ELECT	50V	220pF
C2339	ECEA1HU221	ELECT	50V	220pF
C2340	ECA1HM101GB	ELECT	50V	100uF
C2341	ECA1HM330B	ELECT	50V	33uF
C2342	ECA1HM101GB	ELECT	50V	100uF
C2343	ECA1HM100GB	ELECT	50V	10uF
C2344	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2345	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2346	ECJ2VC1H101J	CERAMIC	50V	100pF
C2347	EEUFC1H102E	CERAMIC	50V	1uF
C2348	ECJ2VB1H681K	CERAMIC	50V	680pF
C2350	ECJ2VB1H471K	CERAMIC	50V	470pF
C2352	ECEA1HN2R2UB	ELECT	50V	2.2uF
C2353	ECJ2VB1E563K	CERAMIC	25V	56nF
C2357	ECQV1H154J	FILM	50V	150nF
C2359	ECJ2VB1E563K	CERAMIC	25V	56nF
C2360	ECJ2VB1E563K	CERAMIC	25V	56nF
C2361	ECJ2VB1H102K	CERAMIC	50V	1nF
C2362	ECJ2VB1H332K	CERAMIC	50V	3.3nF
C2363	ECQV1H684J	FILM	50V	680nF
C2365	ECA1HM330B	ELECT	50V	33uF
C2366	EEANA1E1R0B	CERAMIC	35V	0R1uF
C2367	ECJ2VC1H561J	CERAMIC	50V	560pF
C2368	ECJ3VB1H104K	CERAMIC	3.5KV	100nF
C2369	ECJ2VB1H103K	CERAMIC	50V	10nF
C2370	ECA1HM100GB	ELECT	50V	10uF
C2372	ECEA1CN100	ELECT	16V	10uF
C2373	ECJ2VB1H102K	CERAMIC	50V	1nF
C2374	ECJ2VB1H102K	CERAMIC	50V	1nF
C2375	ECJ2VB1H102K	CERAMIC	50V	1nF
C2376	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2377	ECJ2VB1H102K	CERAMIC	50V	1nF
C2378	ECA0JM222GB	ELECT	6.3V	2.2nF
C2380	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2383	ECJ2VC1H101J	CERAMIC	50V	100pF

Cct Ref	Parts Number	Description		
C2386	ECJ2VB1H681K	CERAMIC	50V	680pF
C2387	ECJ3VB1H104K	CERAMIC	3.5KV	100nF
C2388	ECJ2VB1E563K	CERAMIC	25V	56nF
C2390	ECQV1H334JL3	FILM	50V	330nF
C2391	ECJ2VB1E563K	CERAMIC	25V	56nF
C2392	ECJ2VB1E563K	CERAMIC	25V	56nF
C2393	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2394	ECJ2VB1H102K	CERAMIC	50V	1nF
C2395	ECJ2VB1H332K	CERAMIC	50V	3.3nF
C2396	ECA1HM2R2GB	ELECT	50V	2.2uF
C2397	EEANA1E1R0B	CERAMIC	35V	0R1uF
C2398	ECA1CM102B	ELECT	16V	1000uF
C2399	ECJ2VB1H103K	CERAMIC	50V	10nF
C2400	ECA1VHG221B	ELECT	35V	220uF
C2401	ECOS2GA101B8	ELECT	400V	100uF
C2402	ECA1CM221GB	ELECT	16V	220uF
C2403	ECKC3D471JB	CERAMIC	2kV	470pF
C2404	ECA1CM221GB	ELECT	16V	220uF
C2405	ECQB1H333J	FILM	50V	33nF
C2406	ECQB1H683K	FILM	50V	68nF
C2407	ECKC2H103J	CERAMIC	50V	10nF
C2416	ECQV1H104J	FILM	50V	100nF
C2417	ECKC2H471J	CERAMIC	500V	470pF
C2418	ECKC2H471J	CERAMIC	500V	470pF
C2419	EEUFC1E331B	CERAMIC	25V	330pF
C2420	ECA1HHG102E	ELECT	50V	1nF
C2421	ECA1VM102GE	ELECT	35V	1nF
C2422	ECA1VM102GE	ELECT	35V	1nF
C2423	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2424	ECEA1CN100	ELECT	16V	10uF
C2425	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2426	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2427	ECQV1H474JZ	FILM	50V	470nF
C2428	ECQV1H474JZ	FILM	50V	470nF
C2429	ECQV1H474JZ	FILM	50V	470nF
C2432	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2433	ECA1CM471GB	ELECT	16V	470uF
C2434	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2438	ECJ2VB1H473K	CERAMIC	50V	47nF
C2437	ECJ2VB1H473K	CERAMIC	50V	47nF
C2438	ECJ2VB1H473K	CERAMIC	50V	47nF
C2444	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2446	ECJ2VC1H561J	CERAMIC	50V	560pF
C2447	ECJ2VB1H223K	CERAMIC	50V	22nF
C2448	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2449	ECJ2VC1H561J	CERAMIC	50V	560pF
C2450	ECJ2VC1H561J	CERAMIC	50V	560pF
C2452	ECA1HM330B	ELECT	50V	33uF
C2453	ECA1HM330B	ELECT	50V	33uF
C2454	ECA1HM330B	ELECT	50V	33uF
C2456	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2457	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2458	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2460	ECEA1HU101	ELECT	50V	100uF
C2461	ECEA1HU101	ELECT	50V	100uF
C2462	ECEA1HU101	ELECT	50V	100uF
C2464	ECJ2VB1H223K	CERAMIC	50V	22nF
C2465	ECJ2VB1H223K	CERAMIC	50V	22nF
C2466	ECJ2VB1H223K	CERAMIC	50V	22nF
C2471	ECA1HHG101B	ELECT	50V	100uF
C2472	ECEA1HU101	ELECT	50V	100uF
C2473	ECEA1HU101	ELECT	50V	100uF
C2474	ECEA1HU101	ELECT	50V	100uF
C2476	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2477	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2478	ECJ2VF1H103Z	CERAMIC	50V	10nF

Cct Ref	Parts Number	Description		
C2480	ECQV1H474JZ	FILM	50V	470nF
C2481	ECQV1H474JZ	FILM	50V	470nF
C2482	ECQV1H474JZ	FILM	50V	470nF
C2483	ECJ2VB1H102K	CERAMIC	50V	1nF
C2485	ECJ2VB1H102K	CERAMIC	50V	1nF
C2486	ECJ2VB1H102K	CERAMIC	50V	1nF
C2487	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2488	ECA1VM471GB	ELECT	35V	470pF
C2489	ECEA1HU221	ELECT	50V	220pF
C2490	ECJ2VB1H563K	CERAMIC	50V	56nF
C2491	ECJ2VB1H333K	CERAMIC	50V	33nF
C2492	ECJ2VB1H333K	CERAMIC	50V	33nF
C2493	ECJ2VB1H563K	CERAMIC	50V	56nF
C2494	ECJ2VB1H563K	CERAMIC	50V	56nF
C2495	ECJ2VB1H103K	CERAMIC	50V	10nF
C2496	ECJ2VC1H470J	CERAMIC	50V	47pF
C2497	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2498	ECJ2VC1H220J	CERAMIC	50V	22pF
C2499	ECJ2VB1H471K	CERAMIC	50V	470pF
C2500	ECQV1H334JL3	FILM	50V	330nF
C2501	TACCN0J105KT	CERAMIC	6.3V	1uF
C2576	TACCN0J105KT	CERAMIC	6.3V	1uF
C2577	TACCN0J105KT	CERAMIC	6.3V	1uF
C2578	TACCN0J105KT	CERAMIC	6.3V	1uF
C2579	TACCN0J105KT	CERAMIC	6.3V	1uF
C2580	ECEA1CKA470	ELECT	16V	47uF
C2590	ECA1CM471GB	ELECT	16V	470pF
C2592	ECJ2VB1H823K	CERAMIC	50V	82nF
C2593	ECJ2VB1E333K	CERAMIC	25V	33nF
C2594	ECJ2VB1H823K	CERAMIC	50V	82nF
C2595	ECJ2VB1E333K	CERAMIC	25V	33nF
C2596	ECJ2VB1H822K	CERAMIC	50V	8.2nF
C2597	ECJ2VB1H822K	CERAMIC	50V	8.2nF
C2602	ECEA1HN010UB	ELECT	50V	1uF
C2603	ECEA1HN010UB	ELECT	50V	1uF
C2604	ECEA1HN010UB	ELECT	50V	1uF
C2610	ECA1CM471GB	ELECT	16V	470uF
C2702	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2703	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2704	ECA1CM471GB	ELECT	16V	470uF
C2707	ECA1CHG471B	ELECT	16V	470uF
C2708	EEUFC1A471B	CERAMIC	10V	470pF
C2711	ECJ2VF1C104Z	CERAMIC	16V	470nF
C2713	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2715	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2716	EEUFC1A471B	CERAMIC	10V	470pF
C2719	ECA1CM471GB	ELECT	16V	470uF
C2720	ECA1CM471GB	ELECT	16V	470uF
C2722	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2723	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2726	ECA1EHG102B	ELECT	25V	1000uF
C2730	ECA1CM471GB	ELECT	16V	470uF
C2731	ECA1CM471GB	ELECT	16V	470uF
C2732	EEUFC1A471B	CERAMIC	10V	470pF
C2733	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2734	ECA1EM471GB	ELECT	25V	470uF
C2737	ECA1CM471GB	ELECT	16V	470uF
C2740	ECA1CM471GB	ELECT	16V	470uF
C2750	TACCN0J105KT	CERAMIC	6.3V	1uF
C2751	TACCN0J105KT	CERAMIC	6.3V	1uF
C3001	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3003	ECEA1CN470	ELECT	16V	47pF
C3006	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3007	ECJ2VB1E473K	CERAMIC	25V	47nF
C3008	ECJ2VB1E473K	CERAMIC	25V	47nF
C3009	ECJ2VB1E473K	CERAMIC	25V	47nF

Cct Ref	Parts Number	Description		
C3010	ECJ2VB1E473K	CERAMIC	25V	47nF
C3011	ECJ2VB1E473K	CERAMIC	25V	47nF
C3012	ECJ2VB1E473K	CERAMIC	25V	47nF
C3013	TACCN0J105KT	CERAMIC	6.3V	1uF
C3014	TACCN0J105KT	CERAMIC	6.3V	1uF
C3015	TACCN0J105KT	CERAMIC	6.3V	1uF
C3016	TACCN0J105KT	CERAMIC	6.3V	1uF
C3017	TACCN0J105KT	CERAMIC	6.3V	1uF
C3018	ECJ2VB1C104K	CERAMIC	16V	100nF
C3020	TACCN0J105KT	CERAMIC	6.3V	1uF
C3021	ECJ2VB1C104K	CERAMIC	16V	100nF
C3024	TACCN0J105KT	CERAMIC	6.3V	1uF
C3026	TACCN0J105KT	CERAMIC	6.3V	1uF
C3027	TACCN0J105KT	CERAMIC	6.3V	1uF
C3028	TACCN0J105KT	CERAMIC	6.3V	1uF
C3029	TACCN0J105KT	CERAMIC	6.3V	1uF
C3032	TACCN0J105KT	CERAMIC	6.3V	1uF
C3033	TACCN0J105KT	CERAMIC	6.3V	1uF
C3034	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3035	ECA1HM101GB	ELECT	50V	100uF
C3043	TACCN0J105KT	CERAMIC	6.3V	1uF
C3044	TACCN0J105KT	CERAMIC	6.3V	1uF
C3045	TACCN0J105KT	CERAMIC	6.3V	1uF
C3046	ECA1HM101GB	ELECT	50V	100uF
C3047	TACCN0J105KT	CERAMIC	6.3V	1uF
C3048	TACCN0J105KT	CERAMIC	6.3V	1uF
C3049	TACCN0J105KT	CERAMIC	6.3V	1uF
C3050	ECA1CM221GB	ELECT	16V	220uF
C3051	TACCN0J105KT	CERAMIC	6.3V	1uF
C3053	ECA1HM100GB	ELECT	50V	10uF
C3054	ECA1HM100GB	ELECT	50V	10uF
C3055	ECEA1HN100UB	ELECT	50V	10uF
C3056	ECEA1HN100UB	ELECT	50V	10uF
C3057	TACCN0J105KT	CERAMIC	6.3V	1uF
C3058	TACCN0J105KT	CERAMIC	6.3V	1uF
C3065	TACCN0J105KT	CERAMIC	6.3V	1uF
C3066	TACCN0J105KT	CERAMIC	6.3V	1uF
C3068	TACCN0J105KT	CERAMIC	6.3V	1uF
C3071	ECJ2VC1H101J	CERAMIC	50V	100pF
C3072	ECJ2VC1H101J	CERAMIC	50V	100pF
C3073	ECJ2VC1H101J	CERAMIC	50V	100pF
C3077	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3078	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3079	ECEA1CN470	ELECT	16V	47uF
C3101	ECQB1H333J	FILM	50V	33nF
C3102	ECQB1H333J	FILM	50V	33nF
C3107	EKC1H561J	CERAMIC	50V	560pF
C3108	EKC1H561J	CERAMIC	50V	560pF
C3111	EKC1H103J	CERAMIC	50V	100uF
C3112	ECJ2VC1H680J	CERAMIC	50V	68pF
C3113	ECA1CM470GB	ELECT	16V	47uF
C3114	ECEA1CKA470	ELECT	16V	47uF
C3115	ECEA1CN470	ELECT	16V	47uF
C3301	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3302	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3303	ECJ2VF1C104Z	CERAMIC	16V	470nF
C3322	ECJ2VC1H471J	CERAMIC	50V	47pF
C3323	ECA1HHG100B	ELECT	50V	10uF
C3324	ECA1HHG100B	ELECT	50V	10uF
C3401	ECJ2VC1H561J	CERAMIC	50V	560pF
C3404	ECJ2VC1H561J	CERAMIC	50V	560pF
C3407	ECJ2VC1H561J	CERAMIC	50V	560pF
C3408	ECJ2VC1H561J	CERAMIC	50V	560pF
C3409	ECJ2VC1H561J	CERAMIC	50V	560pF
C3410	ECJ2VC1H561J	CERAMIC	50V	560pF
C3415	ECJ2VC1H102J	CERAMIC	50V	10nF

Cct Ref	Parts Number	Description		
C3417	ECJ2VC1H561J	CERAMIC	50V	560pF
C3418	ECJ2VC1H561J	CERAMIC	50V	560pF
C3419	ECJ2VC1H561J	CERAMIC	50V	560pF
C3420	ECJ2VC1H561J	CERAMIC	50V	560pF
C3425	ECJ2VC1H102J	CERAMIC	50V	1nF
C3427	ECJ2VC1H561J	CERAMIC	50V	560pF
C3428	ECJ2VC1H561J	CERAMIC	50V	560pF
C3429	ECJ2VC1H561J	CERAMIC	50V	560pF
C3430	ECJ2VC1H561J	CERAMIC	50V	560pF
C3435	ECJ2VC1H102J	CERAMIC	50V	1nF
C3437	ECJ2VC1H561J	CERAMIC	50V	560pF
C3440	ECJ2VC1H561J	CERAMIC	50V	560pF
C3443	ECJ2VC1H561J	CERAMIC	50V	560pF
C3446	ECJ2VC1H561J	CERAMIC	50V	560pF
C3450	ECEA1KA221B	ELECT	10V	220µF
C3451	ECEA1KA221B	ELECT	10V	220µF
C3452	ECEA1CKA101	ELECT	16V	100µF
C3453	ECEA1CKA101	ELECT	16V	100µF
C3454	ECJ2VC1H220J	CERAMIC	50V	22pF
C3455	ECJ2VC1H220J	CERAMIC	50V	22pF
C3456	ECJ2VC1H220J	CERAMIC	50V	22pF
C3457	ECJ2VC1H221J	CERAMIC	50V	220pF
C3458	ECJ2VC1H221J	CERAMIC	50V	220pF
C3459	ECJ2VC1H221J	CERAMIC	50V	220pF
C4801	ECA1HM101GB	ELECT	50V	100µF
C4802	ECJ2VF1C104Z	CERAMIC	16V	470nF
C4803	ECOV1H334JL3	FILM	50V	330nF
C4804	ECOV1H334JL3	FILM	50V	330nF
C4805	ECJ2VF1C104Z	CERAMIC	16V	470nF
C4806	ECJ2VB1H103K	CERAMIC	50V	10nF
C4807	ECA1HM4R7GB	ELECT	50V	4.7µF
C4808	ECA1HM4R7GB	ELECT	50V	4.7µF
C4809	ECJ2VB1H103K	CERAMIC	50V	10nF
<b>TERMINALS AND LINKS</b>				
JK2402	TORX1788	OPTICAL CONNECTOR		
JK2403	TJS59034	COAXIAL TERMINAL		
JK3401	0350536400	SCART SOCKET		
JK3402	0350536400	SCART SOCKET		
JK3403	0350536400	SCART SOCKET		
JK3405	TJB8E015	RCA TERMINAL(3P)		
JK3406	TJB8E015	RCA TERMINAL(3P)		
R868	TSF19252	FS LINK		
R874	TSF19402	FS LINK		
R2405	TSF19252	FS LINK		
R2419	TSF19402	FS LINK		
R2420	TSF19252	FS LINK		
<b>SWITCHES</b>				
S840	ESB92S11B	SWITCH		
S1003	EVQ23405R	SWITCH		
S1004	EVQ23405R	SWITCH		
S1005	EVQ23405R	SWITCH		
S1006	EVQ23405R	SWITCH		
S1007	EVQ23405R	SWITCH		
<b>RELAYS</b>				
RL801	K6B1ADA00010	RELAY		
RL802	K6B2ADA00004	RELAY		


Cct Ref	Parts Number	Description
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## SCHEMATIC DIAGRAMS FOR MODEL




TX-36PG50

(EURO-7 CHASSIS)



### IMPORTANT SAFETY NOTICE

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

### NOTE

- RESISTOR**  
All resistors are carbon 1/4W resistor, unless marked otherwise.  
Unit of resistance is OHM (Ω) (k=1,000, M=1,000,000)
- CAPACITORS**  
All capacitors are ceramic 50V unless marked otherwise.  
Unit of capacitance is µF unless otherwise stated.
- COIL**  
Unit of inductance is µH, unless otherwise stated.
- TEST POINT**  
 Test Point Position
- EARTH SYMBOL**  
 Chassis Earth (Cold)  
 Line Earth (Hot)
- VOLTAGE MEASUREMENT**  
Voltage is measured by a d.c. voltmeter.  
Measurement conditions are as follows:  
Power source      a.c. 220V-240V, 50Hz  
Receiving Signal      Colour Bar signal (RF)  
All customer controls      Maximum position

7.

-  Indicates the Video signal path
-  Indicates the Audio signal path

These schematic diagrams are the latest at time of printing and are subject to change without notice.

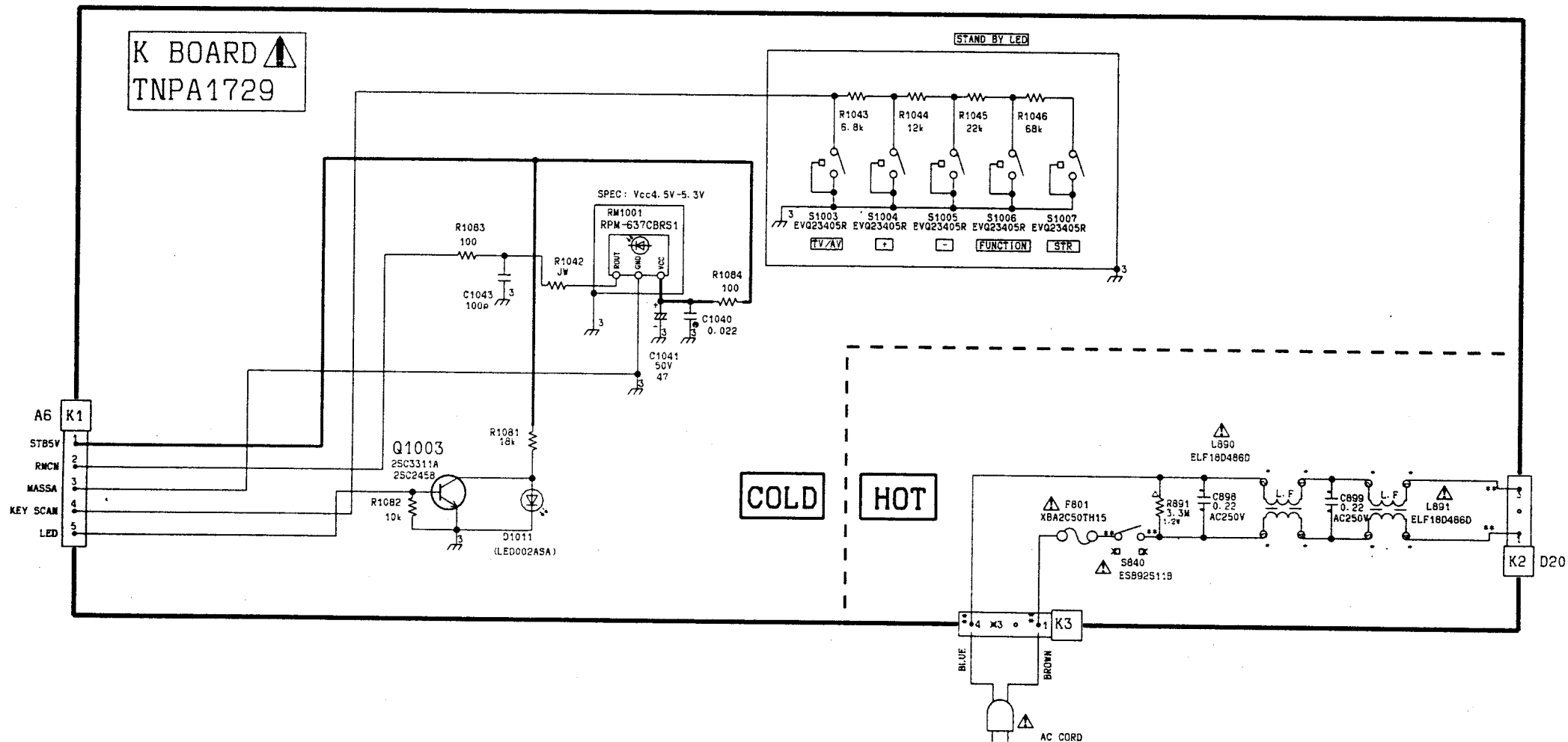
### REMARKS

- Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- Do not short circuit the hot and cold circuits as electrical components may be damaged.
- Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- Make sure to disconnect the power plug before removing the chassis.

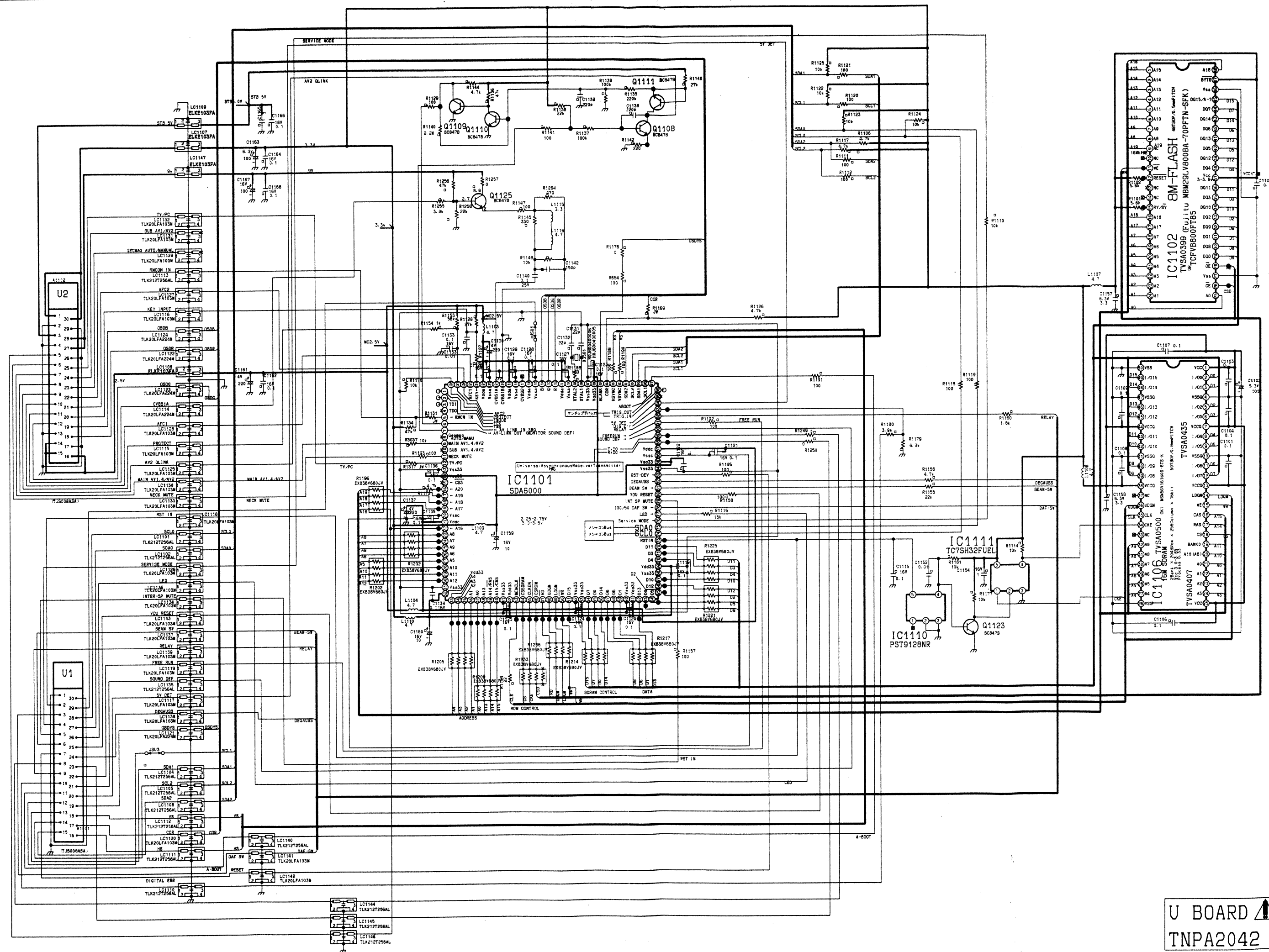
### NOTE

- The Power Supply Circuit contains a circuit area, which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

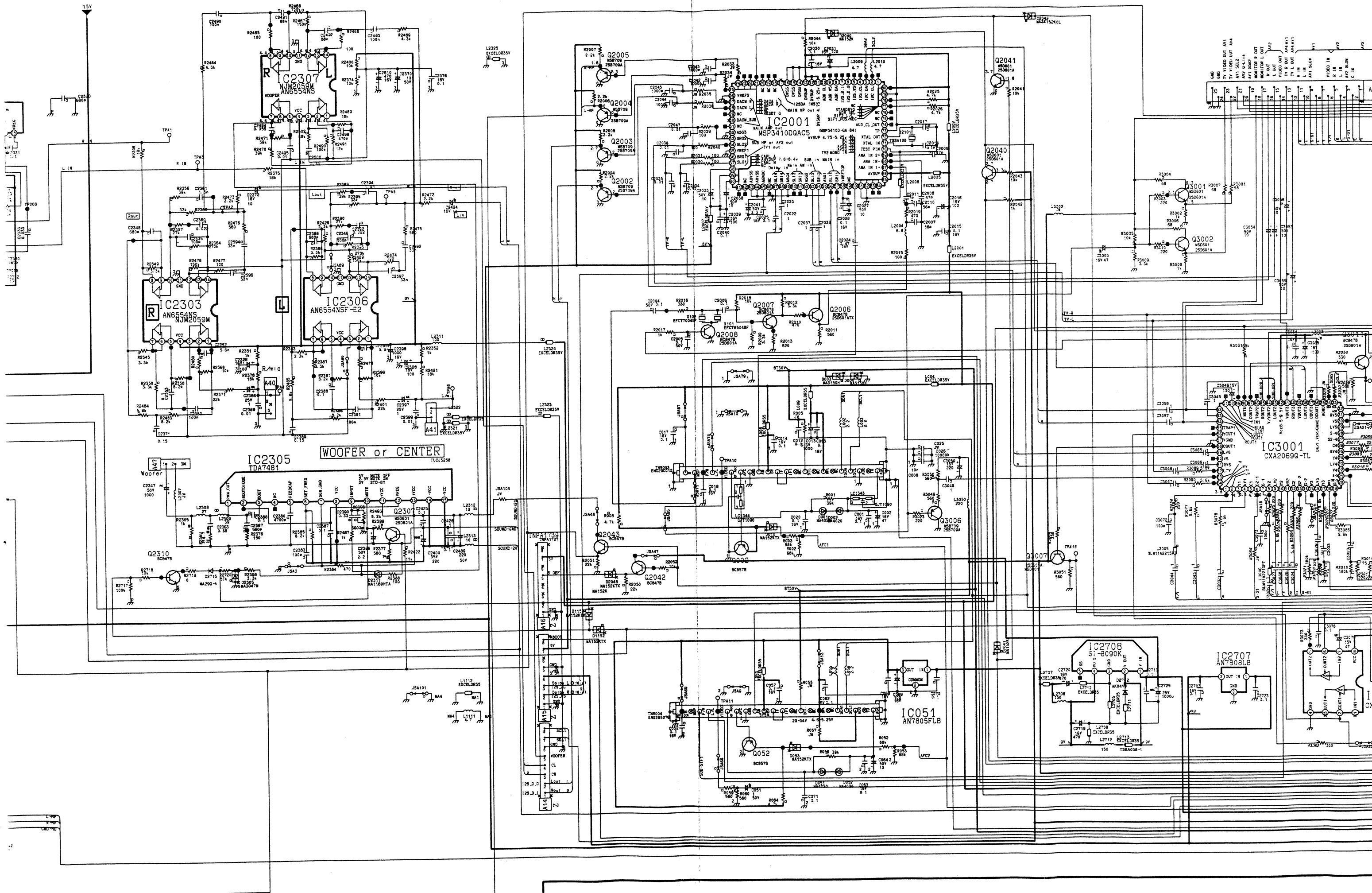
# SCHEMA -K

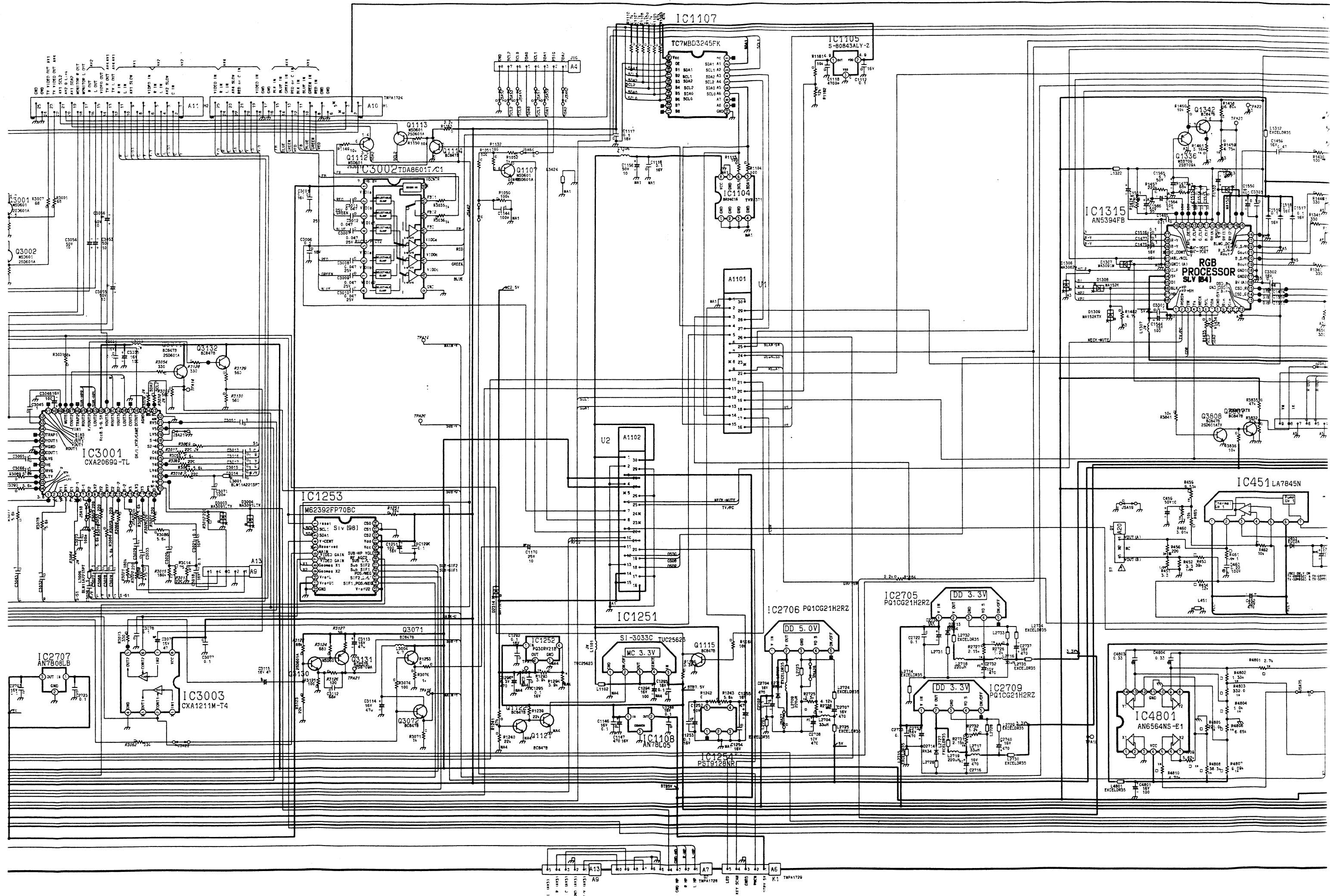




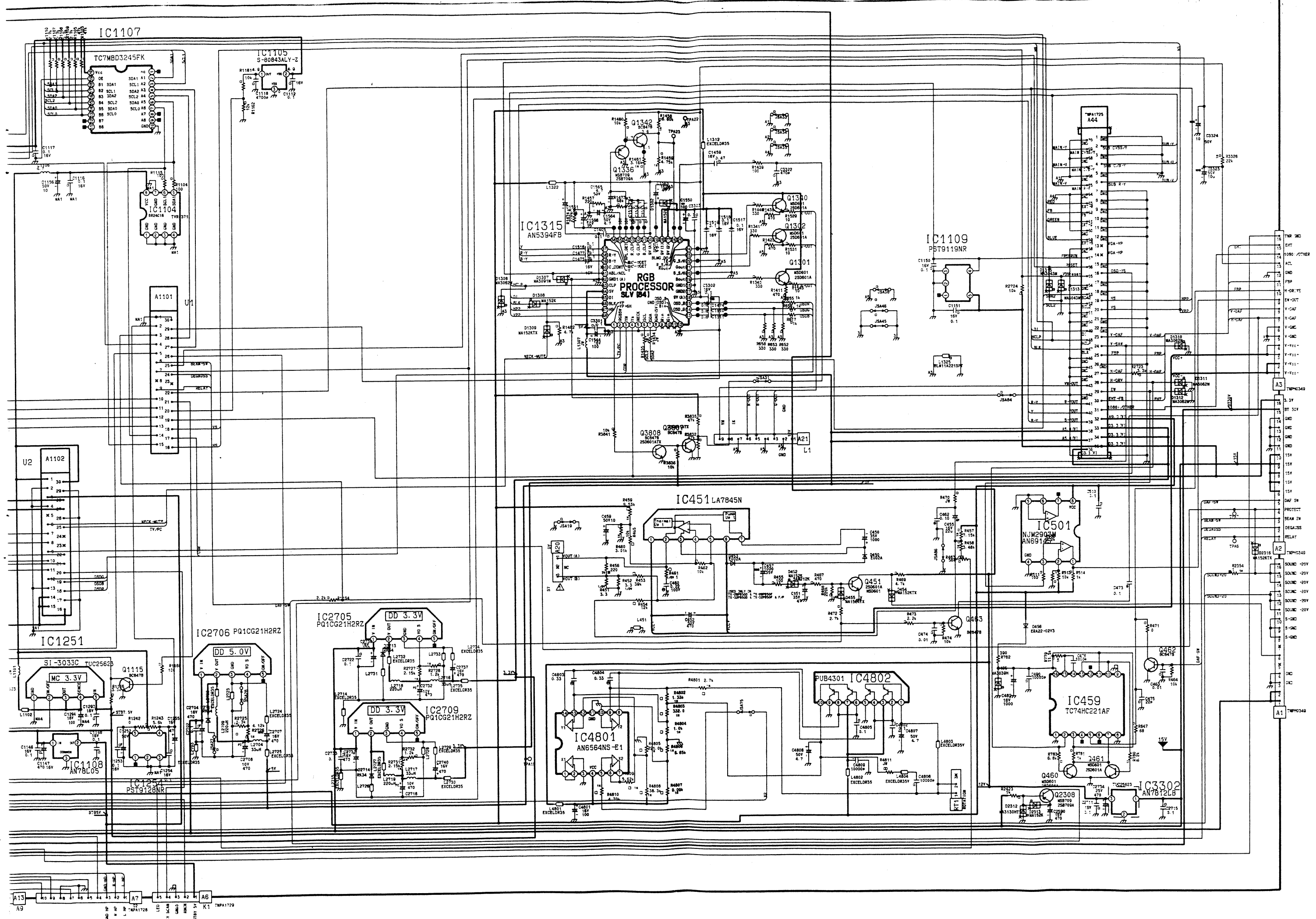


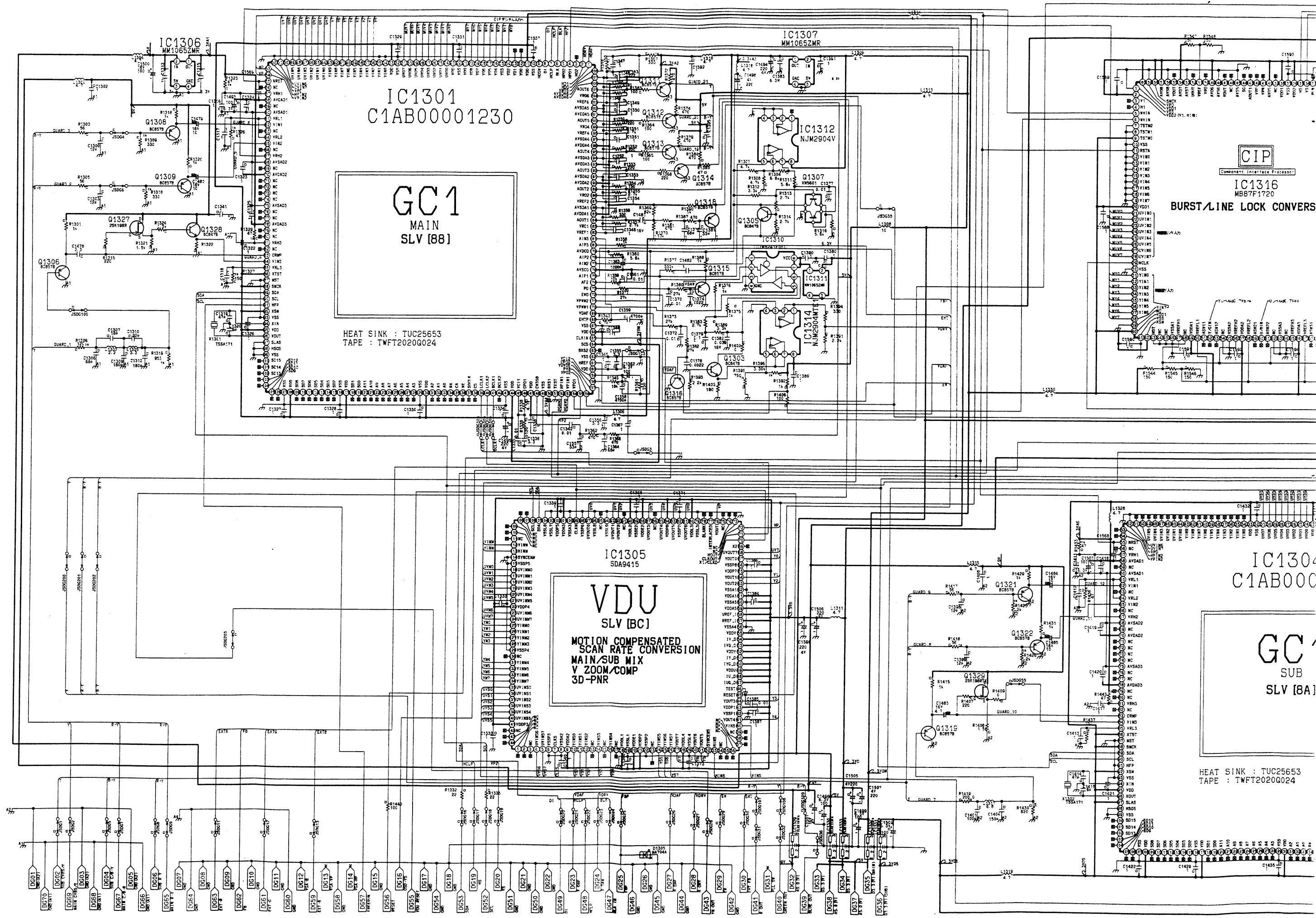












IC1301  
C1AB00001230

GC1  
MAIN  
SLV [88]

HEAT SINK : TUC25653  
TAPE : TWFT2020Q024

IC1305  
SDA9415

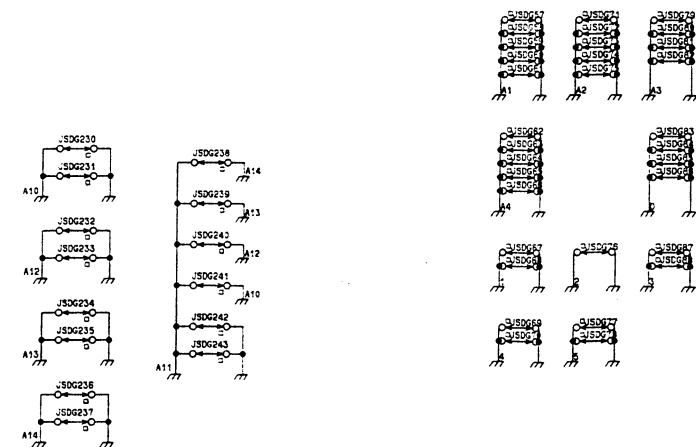
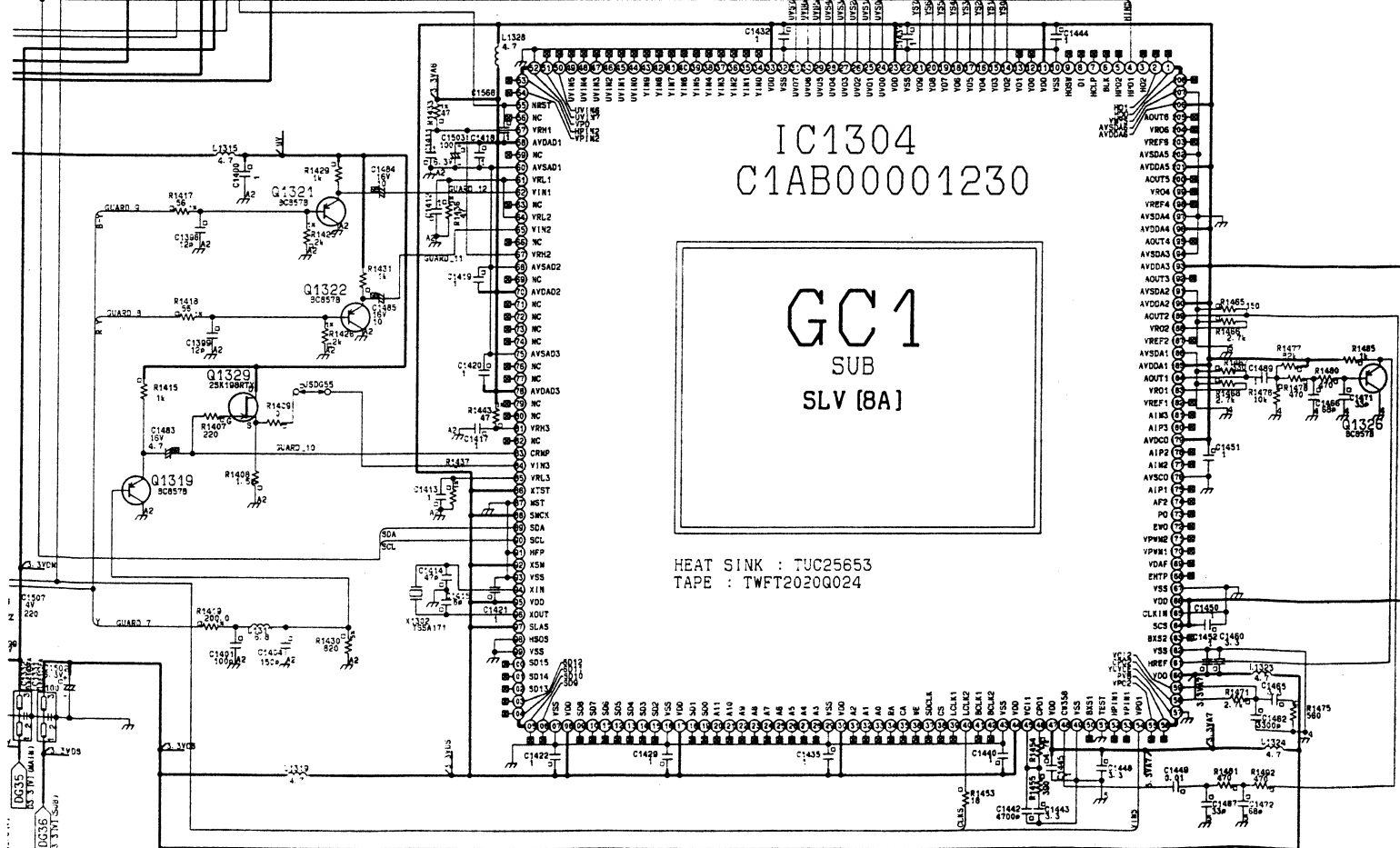
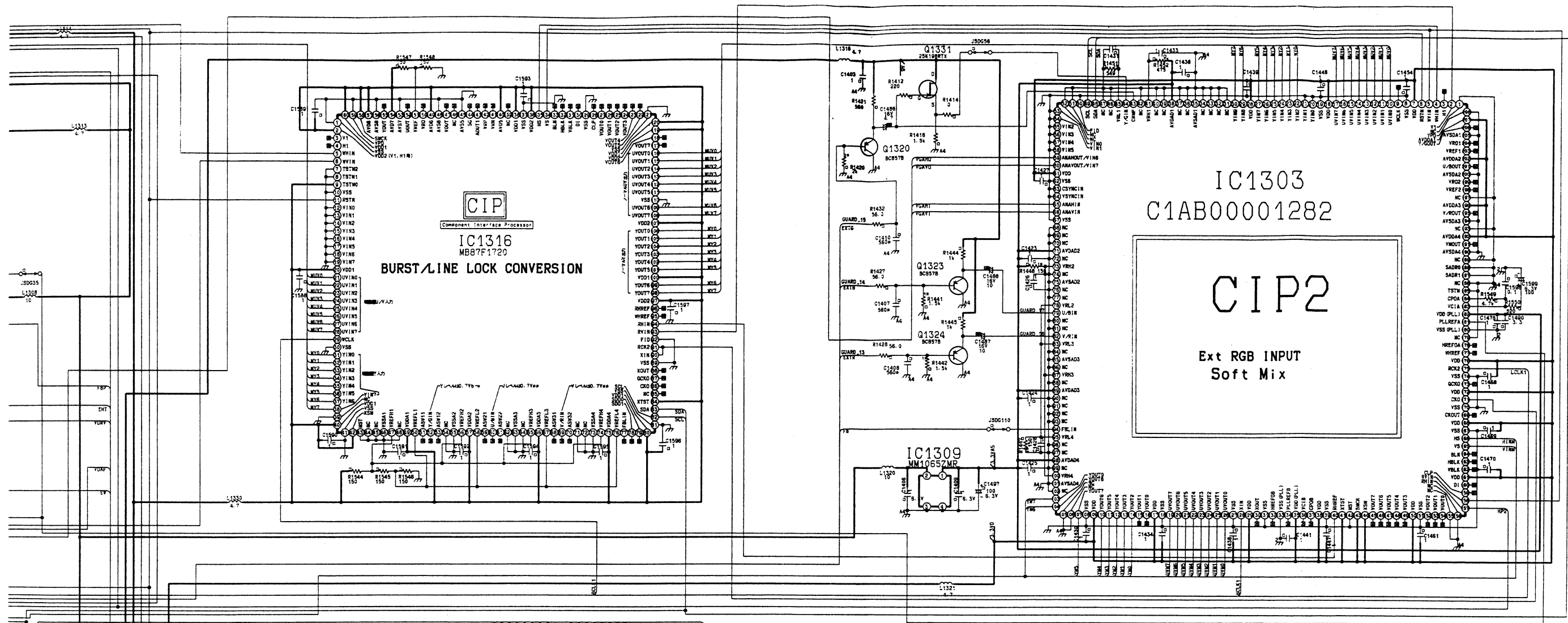
VDU  
SLV [BC]  
MOTION COMPENSATED  
SCAN RATE CONVERSION  
MAIN/SUB MIX  
V ZOOM/COMP  
3D-PNR

CIP  
COMPONENT INTERFACER PROCESSOR  
IC1316  
MB87F1720  
BURST/LINE LOCK CONVERS

IC1304  
C1AB00001230

GC1  
SUB  
SLV [8A]

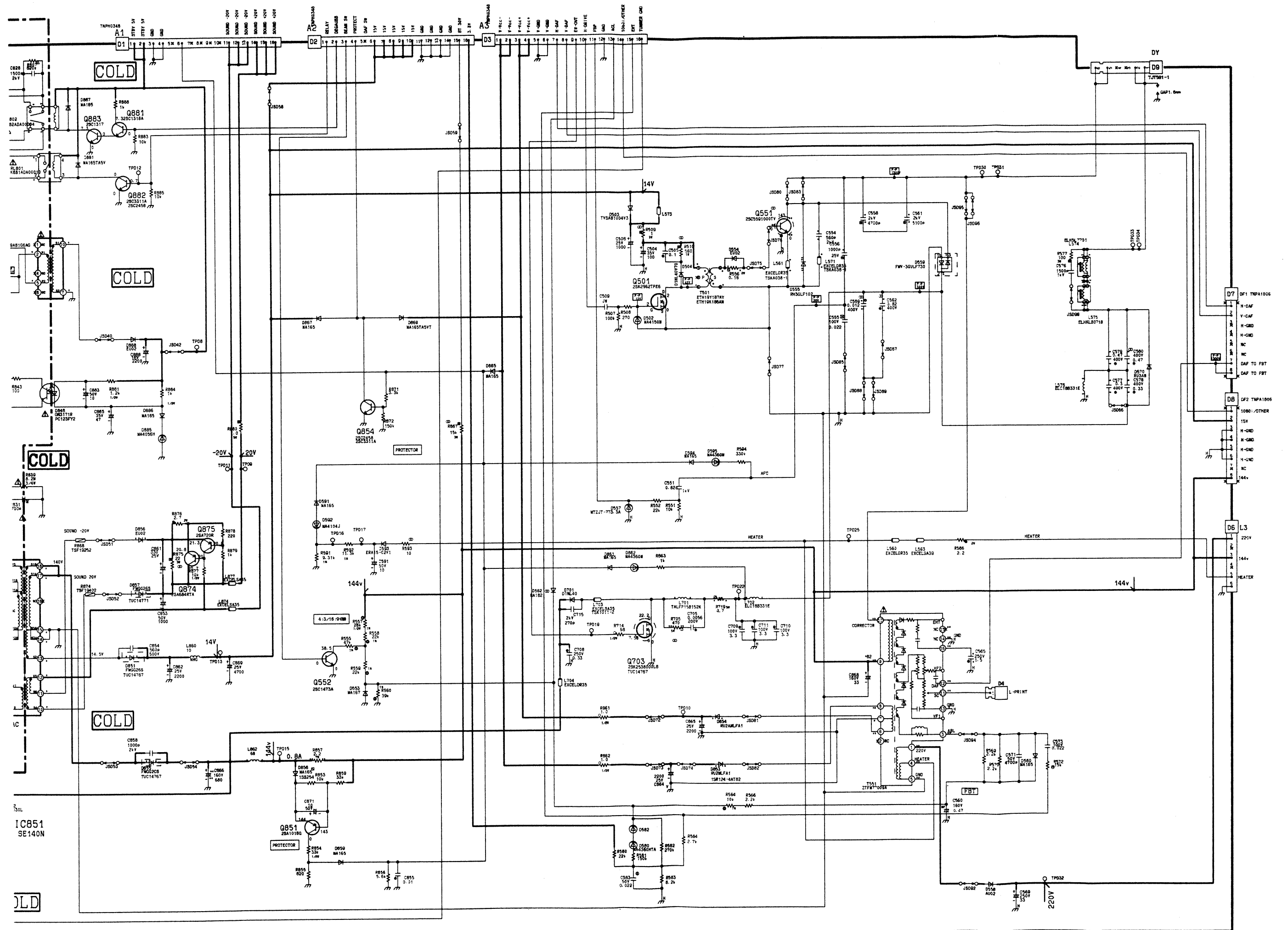
HEAT SINK : TUC25653  
TAPE : TWFT2020Q024

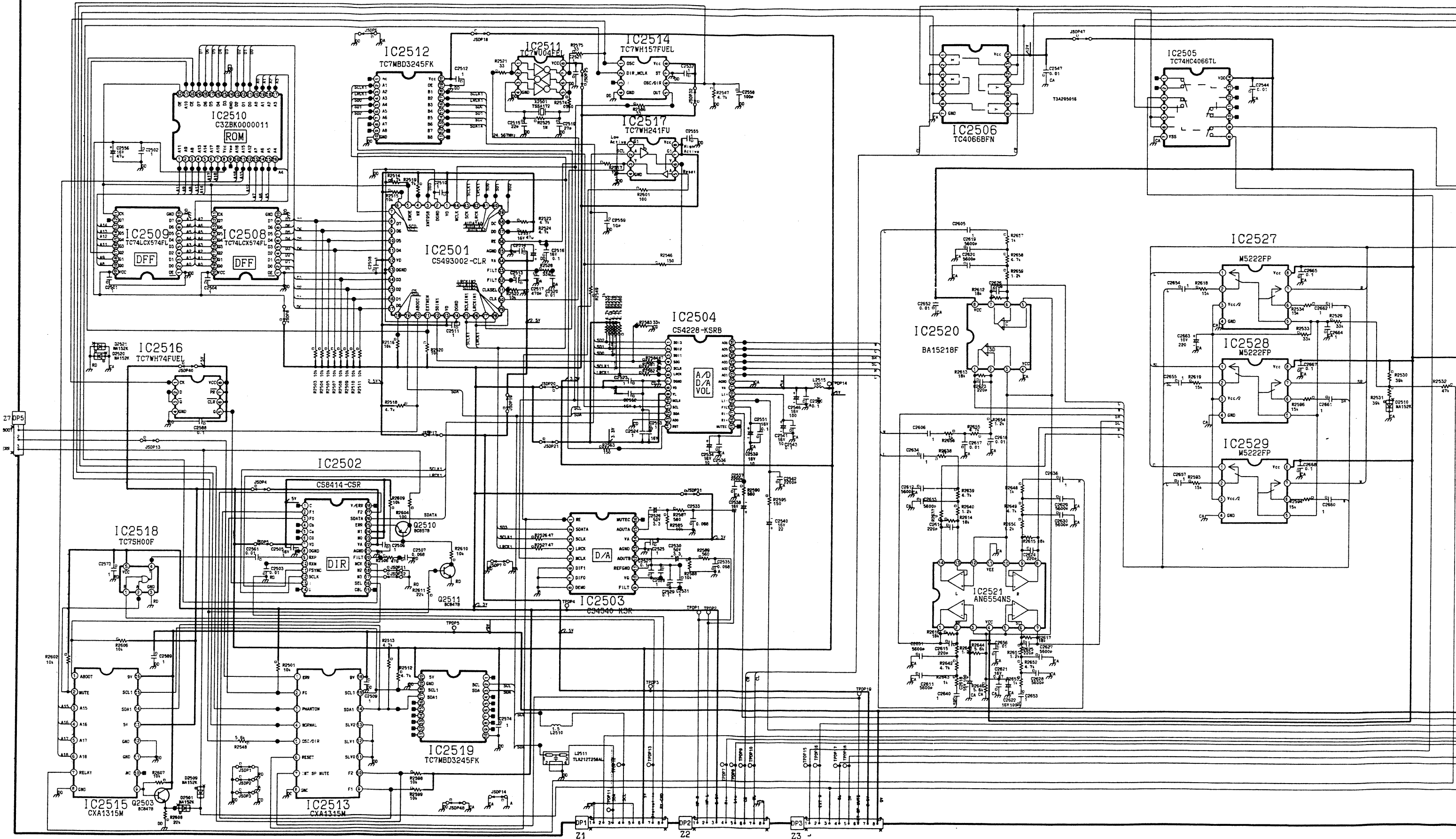


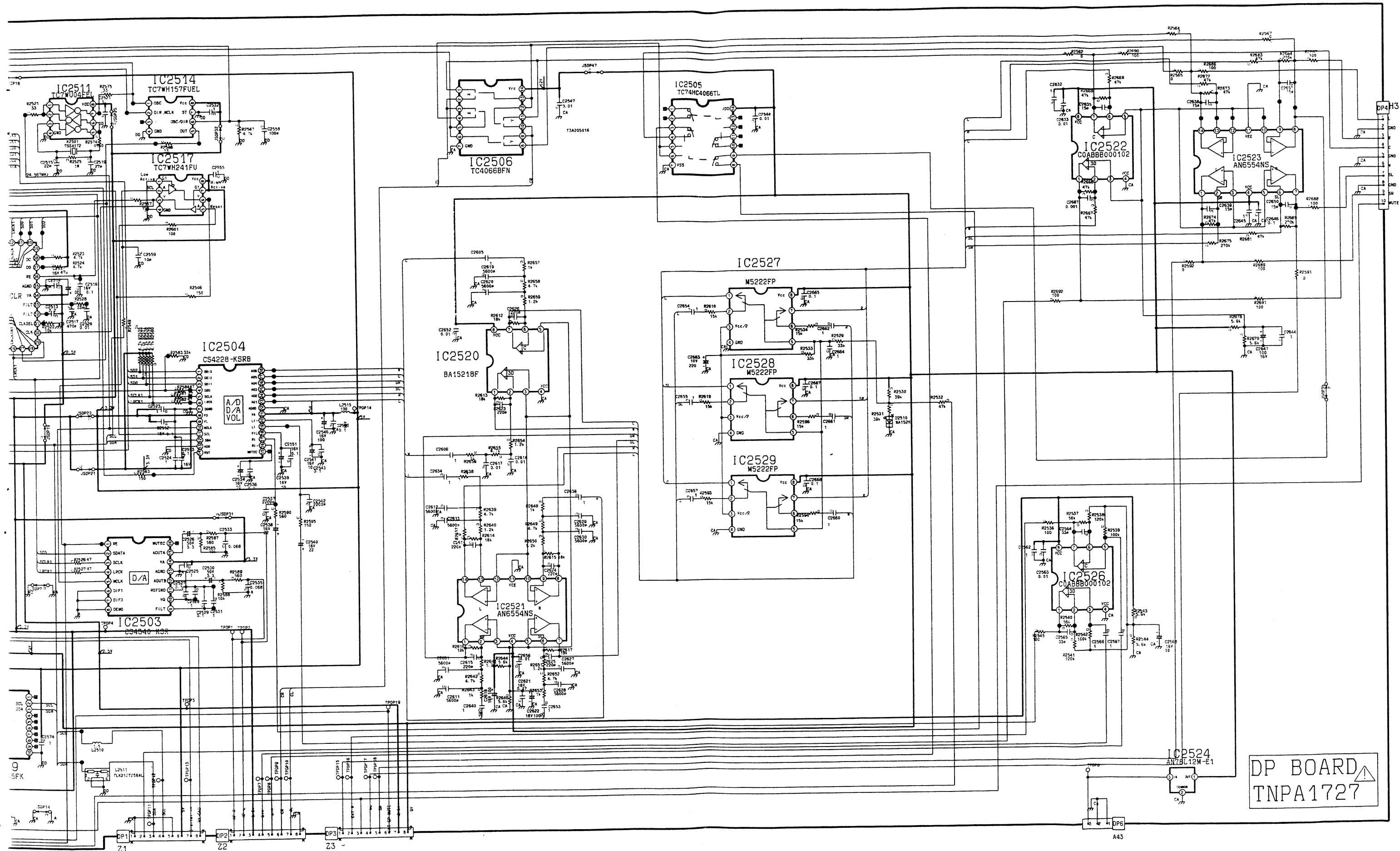
DG BOARD  
TNPA1965





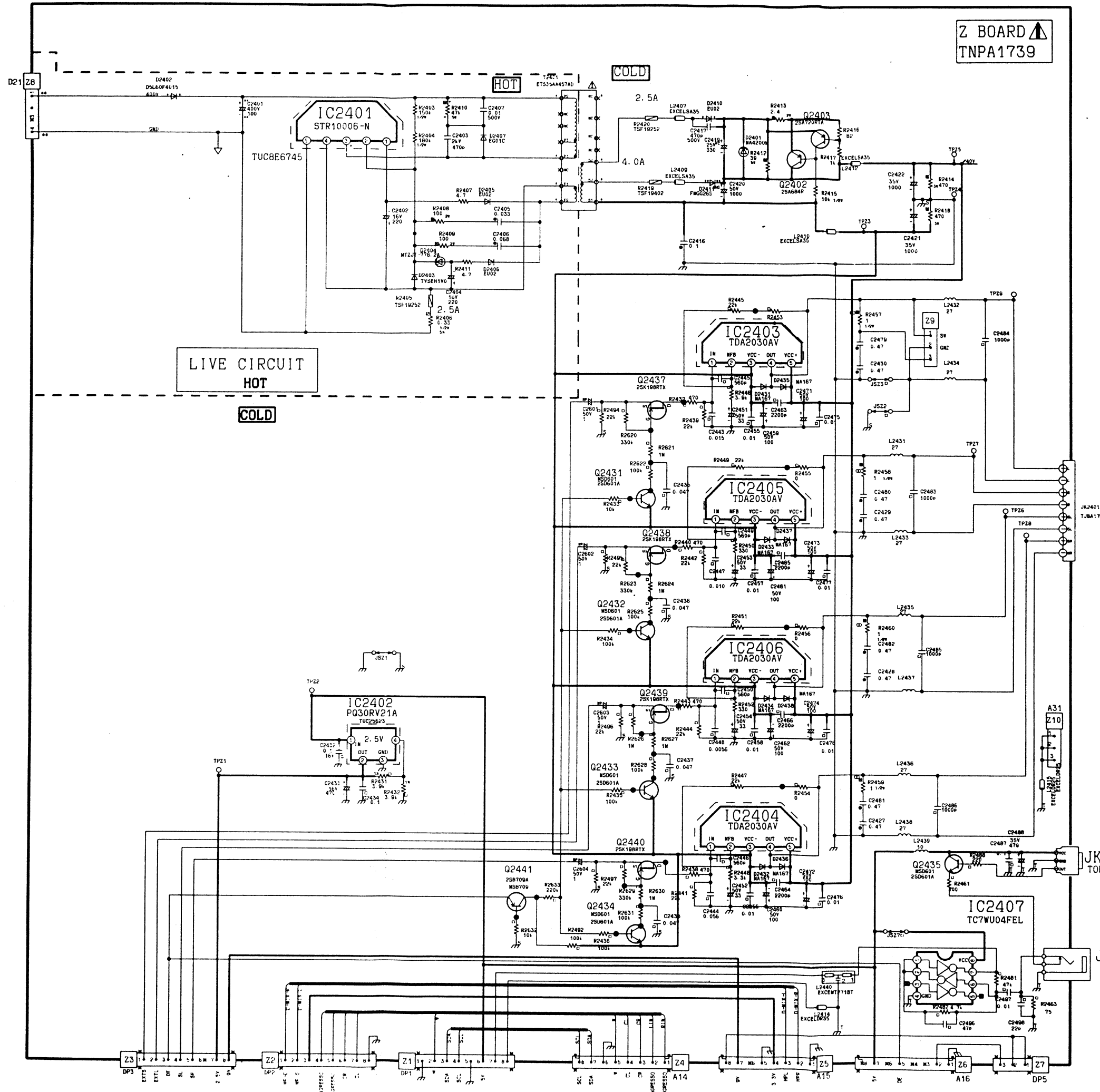




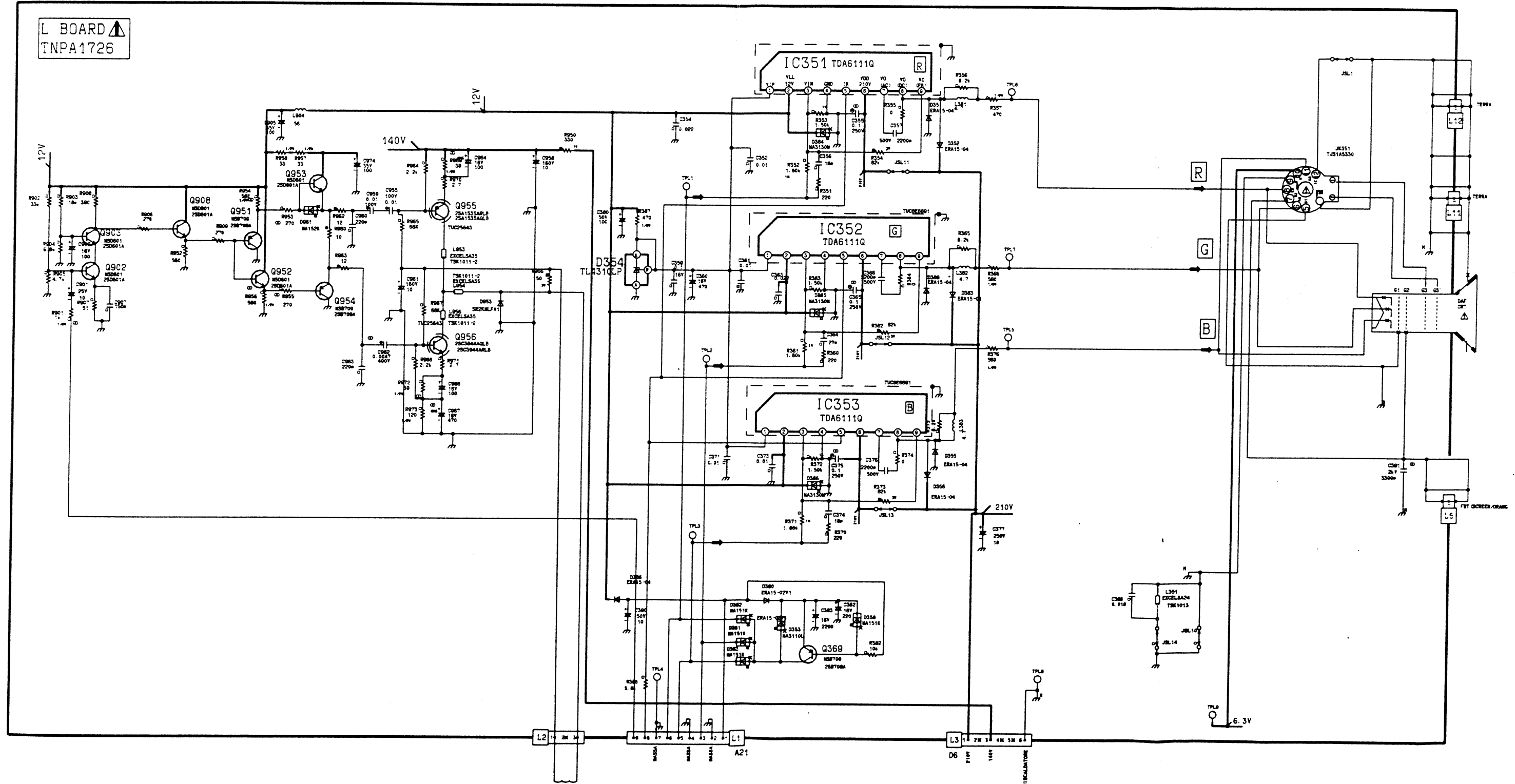


# SCHEMA - Z

Z BOARD  
TNPA1739

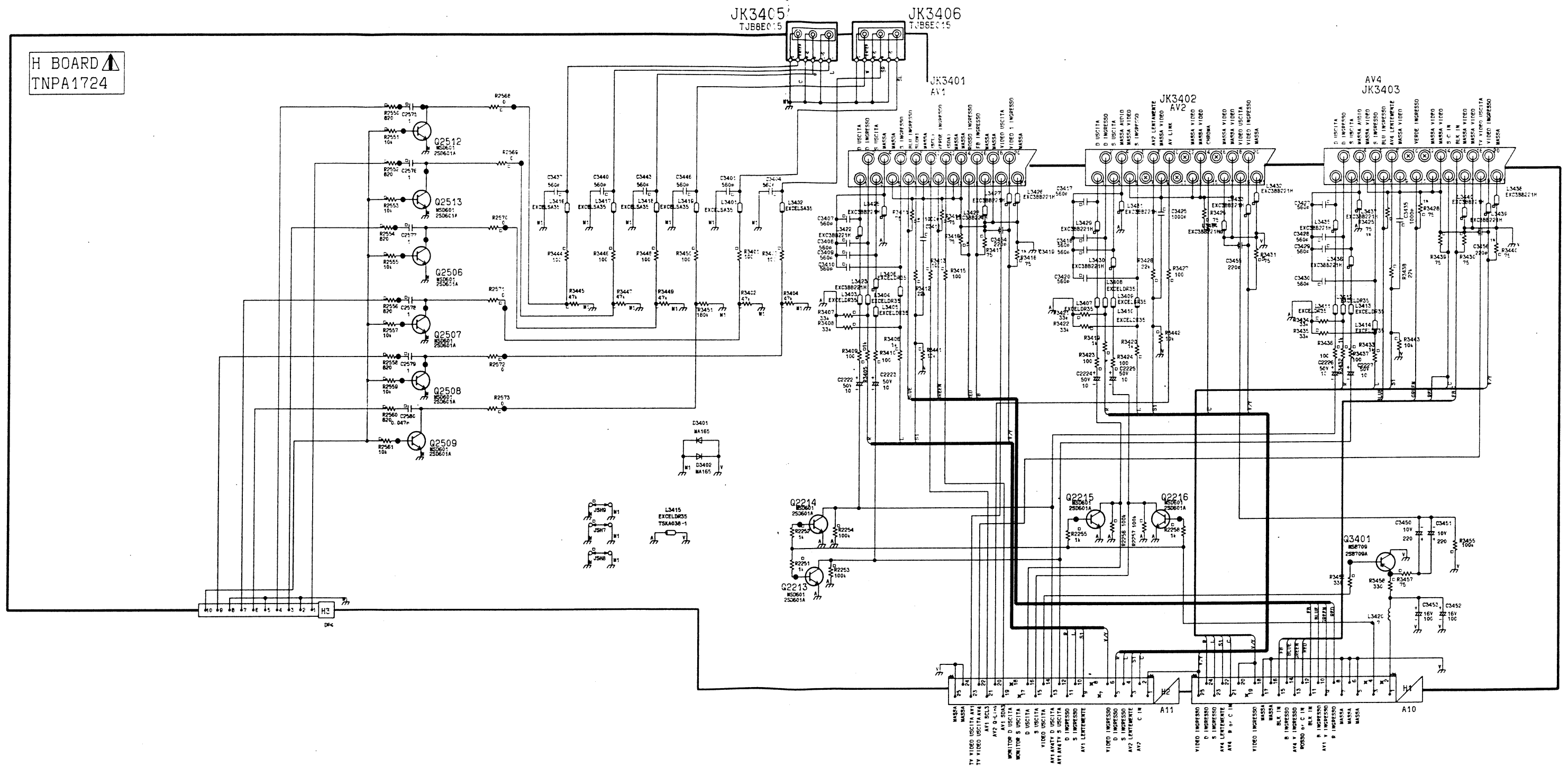


# SCHEMA-L

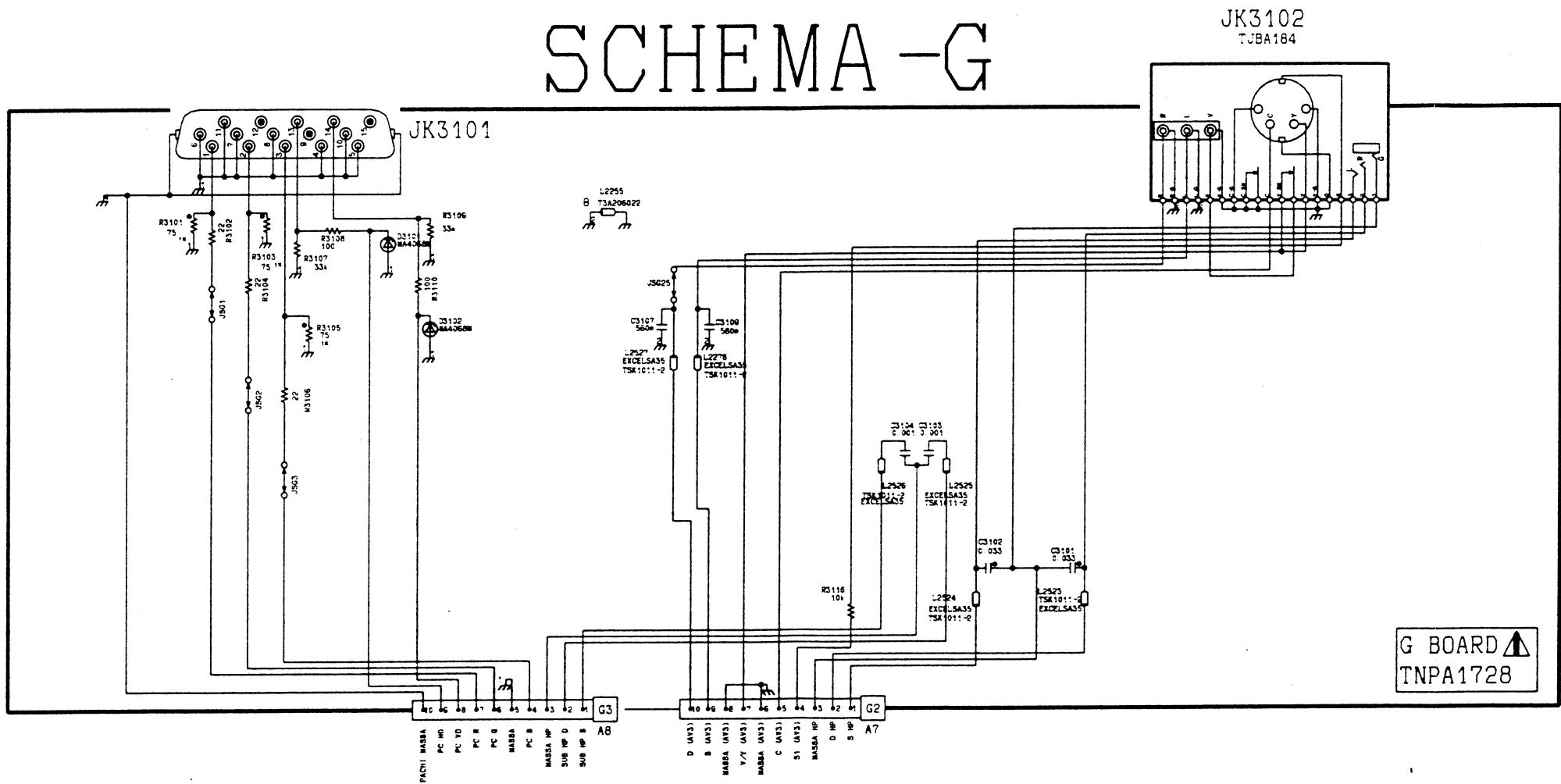




# SCHEMA -H

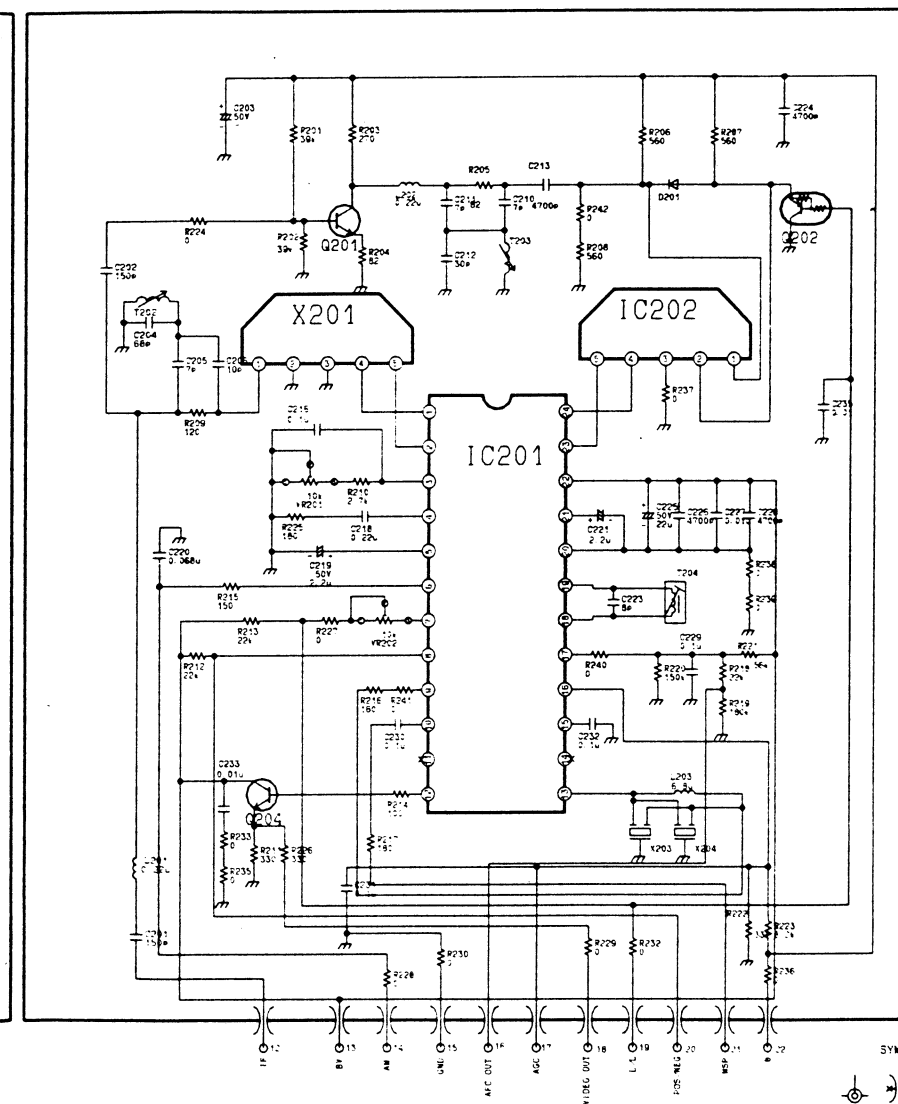
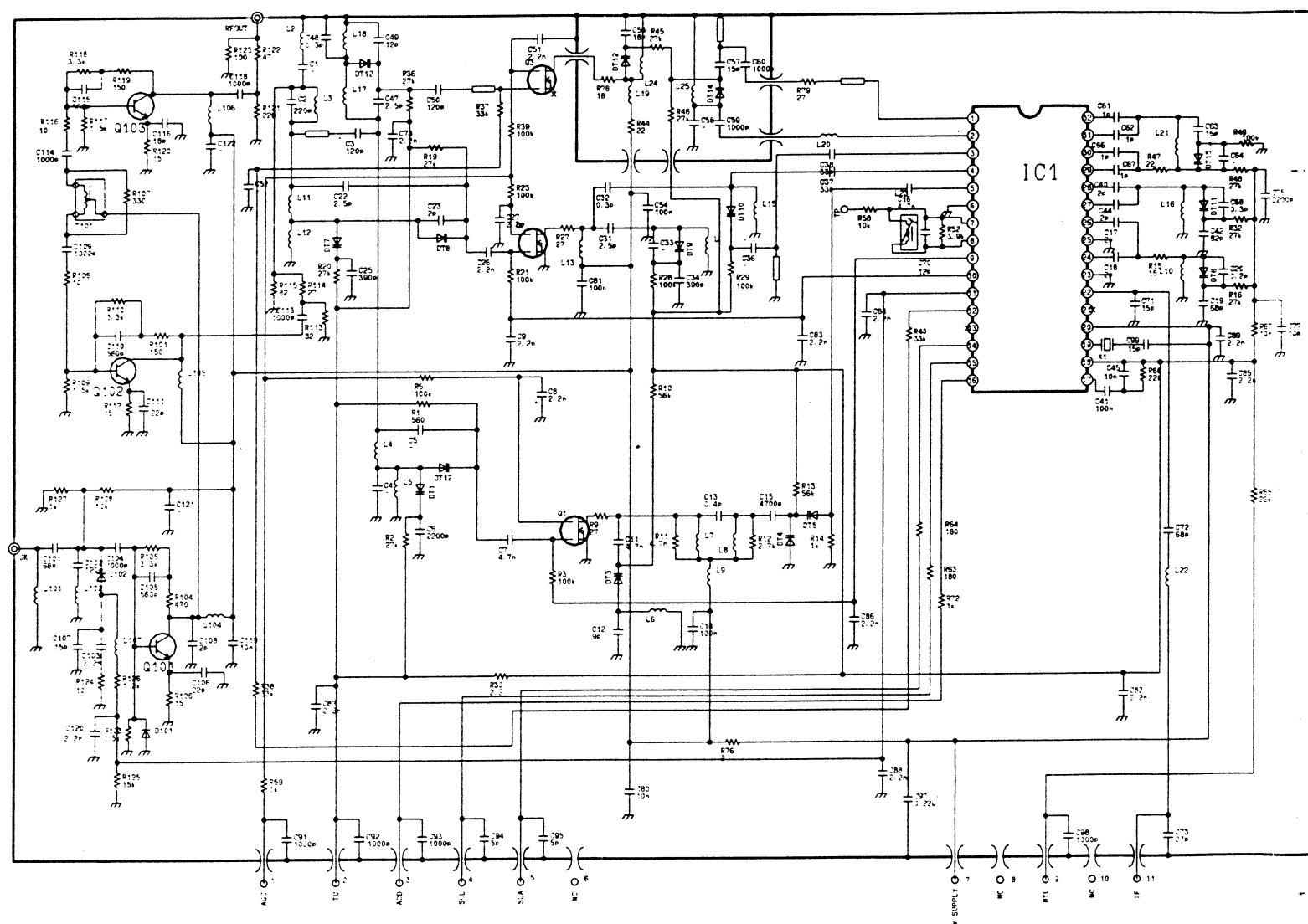


## SCHEMA -G





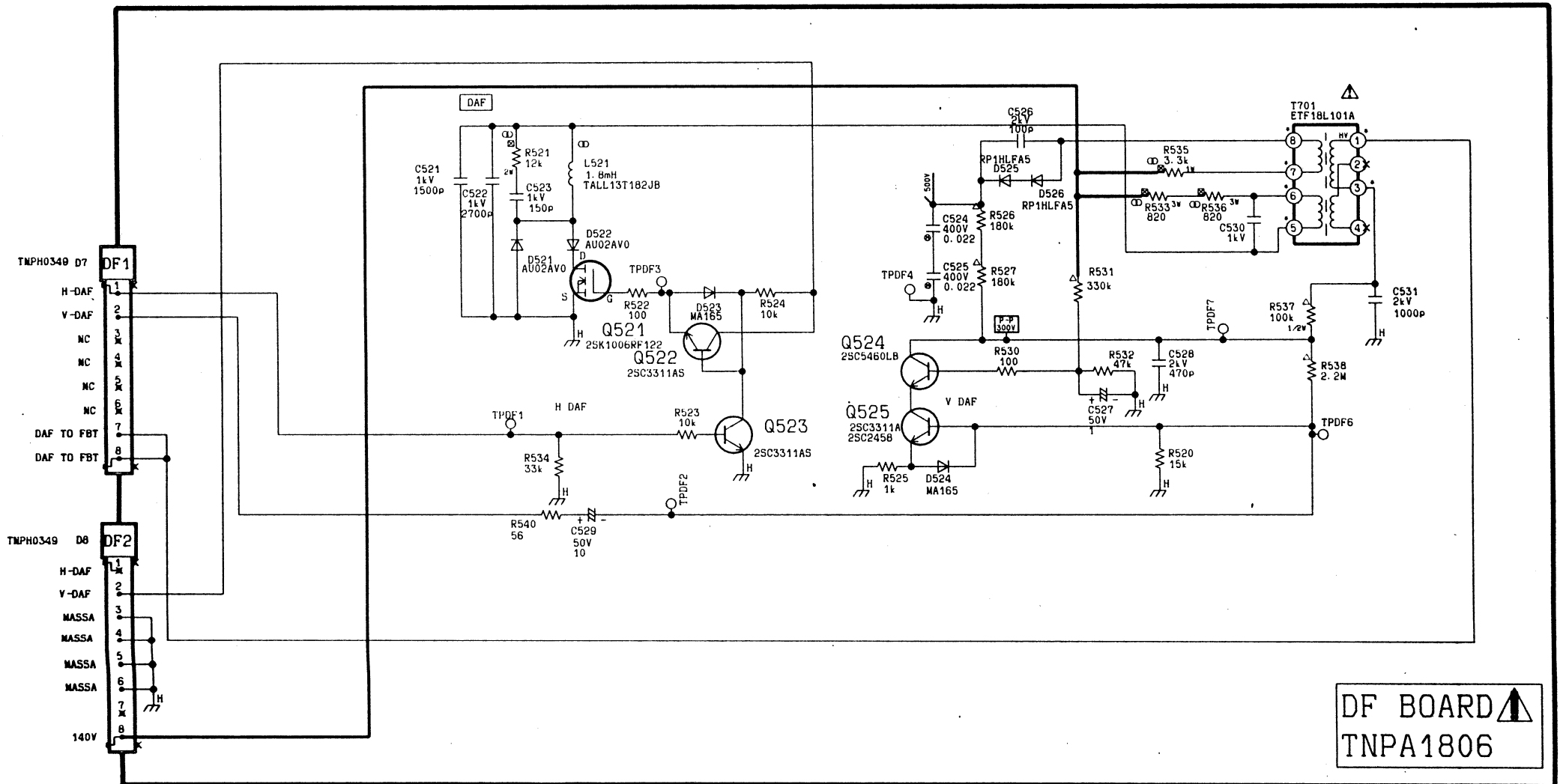
APPL. CAT. #	PLDT	200C 72 04 / 11 32 32	SCIDE / SCIDE
NIL	SAVE	200C 72 05 / 12 34 43	SCIDE / SCIDE
SHEET	3		
IN. STOR.	2		
	1	HOME SC OF LOCAL ENY NEW 3	
	2	HOME SC OF ENY NEW 3	



TERMINAL SUPPLY VOLTAGE				
TERMINAL NO.	TERMINAL NAME	VOLTAGE		
		LINE	PH	DIFF
		LINE	PH	SUPPLY
1	AGC	± 0.5	MAX	
2	TL	_____		
3	ADC	_____		
4	SL	_____		
5	SDA	_____		
6	MC	_____		
7	VCC	+5.0		
8	MC	_____		
9	BTU	+30.0		
10	MC	_____		
11	F	_____		
12	IF	_____		
13	BT	+5.0		
14	AB	_____		
15	2AC	_____		
16	APC OUT	_____		
17	AGC	_____		
18	VCC OUT	_____		
19	± 5	± 0.1 ± 0.0		
20	POS REG	POS 1.0 REG 1.1		
21	NEG	_____		
22	B	5.0V		

SYMBOL		
SYMBOL	SYMBOL NO	SEMICONDUCTOR
	R1-R79, R101-R128.	
	R201-R243	
	RESISTANCE	
	EXCEPT 4.0-4.7, 5.2, 22, 24, 26, 31, 33, 35, 41, 43, 50, 51, 53-55, 60-62, 68, 71, 73, 75, 77, 102, 111	
	C1-C122, C201-C235	
	CAPACITANCE	
	EXCEPT 10, 11, 24, 28, 30, 35, 39, 43, 46, 50, 55, 66, 68, 74, 75, 79, 80, 86, 106, 112, 117, 207, 208, 214, 215, 217, 229, 234	
	L2-L25, L101-L107	
	L201-L203	
	DIODES	
	DT1-4, 6	17A02, MA3574, 15K790 HF3208, HF3209
	DT7-10, 11	17A04, MA3555, 15K790 HF3208, 15K793
	DT101-5, 9, 8	MA3575, 17A02, 15K79
		HF3208
	DT101, 102, 103	MA3576
	2T-24	8N54, HF304, 58K601
	2T	BF404, HF304, HF3201
	2T1-103	8N57
	2T107	15K793
	2T108	15K793A
	6X4	6X4
	6X5	6X5
	6X6	6X6
	6X7	6X7
	6X8	6X8
	6X9	6X9
	6X10	6X10
	6X11	6X11
	6X12	6X12
	6X13	6X13
	6X14	6X14
	6X15	6X15
	6X16	6X16
	6X17	6X17
	6X18	6X18
	6X19	6X19
	6X20	6X20
	6X21	6X21
	6X22	6X22
	6X23	6X23
	6X24	6X24
	6X25	6X25
	6X26	6X26
	6X27	6X27
	6X28	6X28
	6X29	6X29
	6X30	6X30
	6X31	6X31
	6X32	6X32
	6X33	6X33
	6X34	6X34
	6X35	6X35
	6X36	6X36
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	6X38	6X38
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	6X72	6X72
	6X73	6X73
	6X74	6X74
	6X75	6X75
	6X76	6X76
	6X77	6X77
	6X78	6X78

# SCHEMA-DF



DF BOARD  
TNPA1806

# TELECOMANDO

